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ABSTRACT

Descriptions are given for the 164 computerized files that comprise the Texas Natural Resources Information System (TNRIS). The system provides natural resources information to federal, state, regional, and local and private entities. File descriptions are organized under the following data and information content areas: (1) base data, (2) meteorological resources, (3) biological resources, (4) water resources, (5) geologic and land resources, and (6) socio-economic resources. Each file description includes the file name, unique file number, narrative description of file contents, state agency responsible for collecting file data, geographic coverage, frequency of update, units of measurement, and data retrieval publications (i.e., procedures manual). A summary table listing special characteristics, availability of reports, and data processing method for each file is appended. (JPF)

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# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

NR-01210-01

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## FILE DESCRIPTION REPORT

Prepared by

TEXAS NATURAL RESOURCES INFORMATION SYSTEM

SYSTEMS CENTRAL

FOR THE

TNRIS TASK FORCE

IR005612

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

## FILE DESCRIPTION REPORT

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# INTRODUCTION

The purpose of this manual is to provide comprehensive descriptions of files* inventoried for inclusion in the Texas Natural Resources Information System (TNRIS). All files described herein are computer-processable files.

When possible, all of the following information has been assembled to describe each file:

1. File Name - Brief informative title.
2. Unique File Number - Unique reference number assigned to this file. (Reference page 6 for details.)
3. Narrative Description of the File Contents - Brief narrative description of the file contents including a detailed parameter list if several items are included in this file.
4. Entity Collecting the Data - Indication of the agency, cooperator or other entity which is the contributor of the data.
5. Geographic Coverage - An indication of the geographic coverage of the data included in this file.
6. Frequency of Update - indication of the frequency with which this file is updated, i.e., monthly, annually, every five years, etc.
7. Units of Measurement - indication of the common unit of measurement(s) such as: inches to the nearest hundredth, MG/L, cubic feet per second, as applicable, etc.
8. Data Retrieval Publications - publications available which give additional specifics such as more detailed availability reports and actual retrieval procedures.

*Reference the definition of *"File"* as used in this report on page 6.

9. Automated System Number - A reference to the automated system used to update and/or report the data file.

References have been included in some file descriptions to indicate, to a limited degree, the accuracy of the information in the file. Accuracy considerations are quite file dependent, and are sometimes hard to define. Therefore, additional information concerning the accuracy of a given file may or may not be available.

Each file description in this report contains a reference to the state agency which provides the data through TNRIS. In addition, the section entitled "Categorization of Completed TNRIS File Descriptions" beginning on page 7 contains the agency acronym associated with each file. A list of contributing agencies and the associated agency acronym follows:

| Agency | Acronym |
|---|---|
| Texas Department of Agriculture | TDA |
| Texas Air Control Board | |
| Bureau of Economic Geology, University of Texas at Austin | BEG |
| Texas Forest Service | TFS |
| General Land Office | GLO |
| Texas Department of Health Resources | TDHR |
| State Department of Highways and Public Transportation | THD |
| Texas Industrial Commission | TIC |
| Texas Parks and Wildlife Department | TPW |
| Railroad Commission of Texas | TRRC |
| Texas Water Development Board* | TWDB |
| Texas Water Quality Board* | TWQB |
| Texas Water Rights Commission* | TWRC |

All requests for printed reports and questions relating to the actual data files referenced herein should be made to:

*Texas Natural Resources Information System*
*Systems Central*
*P. O. Box 13087*
*Capitol Station*
*Austin, Texas 78711*

*Phone: Area Code 512 + 475-3321*

* Legislation passed by the 65th Texas Legislature to be effective September 1, 1977, provides for the consolidation of these agencies into a single Texas Department of Water Resources

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM OVERVIEW

P. O. Box 13087, Austin, Texas 78711 • TNRIS Systems Central Telephone 512 + 475-3321

One of our State's greatest assets is its natural resources, and one of our great challenges for tomorrow is the proper planning, developing, managing, and conservation of these resources. Many agencies within the State are vitally concerned with our State's natural resources and their preservation. The need to consider the total effects of any particular action or project on the natural resources of the State is becoming increasingly more evident with time as exemplified by the public concern for the preservation of environmental quality. The resource manager, whether he is interested in regulatory and enforcement activities, managing a natural resource, or planning the future use of natural resources, needs to apply a multidisciplinary approach to his effort. This approach requires that a number of different types of natural resources and socio-economic data and information be readily available to the resource manager. Recent federal legislation requiring the filing of environmental impact statements on a wide variety of projects, and other federal legislation concerning areas of environmental protection, resource management, and land use planning further point out the need for an integrated approach.

In the area of natural resources in Texas, interagency cooperation is encouraged through the efforts of the Interagency Council on Natural Resources and the Environment (ICNRE). ICNRE is composed of the administrative heads of Texas resource agencies, with ex officio membership held by several resource-related entities, and is chaired by the Governor of Texas or his representative. On March 28, 1973, the ICNRE, chaired by Governor Briscoe, approved recommendations from its Water Oriented Data Programs Section (WODPS) to pursue implementation of a Texas Natural Resources Information System (TNRIS).

The TNRIS Task Force is a working group of the ICNRE with representation from each of the participating ICNRE agencies dedicated to the development of the TNRIS. Work toward a Texas Natural Resources Information System has been based in large part on the extensive work already accomplished in the development of the Texas Water Oriented Data Bank (TWODB) by the ICNRE's Water Oriented Data Programs Section (WODPS). Experience in this effort, dating back well into the 1960's, has provided the State with an operational water oriented data system as a proven framework for furthering TNRIS implementation.

After considerable study and investigation, the WODPS in June, 1972 reported to the ICNRE on the need for a Texas NRIS as a logical extension of the TWODB. The Council recognized the need and accepted the WODPS plan of attack which initially consisted of an identification and categorization of natural resources data available in the file holdings of ICNRE agencies. This activity, conducted by a 14-member interagency task force, identified textual, computer processable, mapped, and other types of natural resources data and categorized these types of data into six broad categories.

This identification and categorization activity along with recommendations on continued TNRIS development were documented in the TNRIS Task Force February 1, 1973 report to the Council. As mentioned previously, the ICNRE, after considering the report, authorized the TNRIS Task Force in March, 1973 to proceed with the next two identified activities: (1) a detailed inventory of machine processable TNRIS data; (2) development of a TNRIS design plan.

Building upon the previously completed TNRIS identification/categorization and TWODB groundwork, the detailed inventory of computer processable natural resources information files was completed in September, 1974. A valuable product of this activity was publication of the TNRIS File Description Report containing information on computer processable data and information file holdings in the participating TNRIS agencies. Concurrent with this inventory activity was the development of a flexible TNRIS design plan documented in the December, 1974 Report to the ICNRE entitled TNRIS Conceptual Design. This report also contained specific recommendations for continued TNRIS implementation.

On December 18, 1974 the ICNRE accepted the TNRIS Conceptual Design Report along with its associated recommendations, and on March 6, 1975 the Council adopted a resolution endorsing additional TNRIS Systems Central staff. With Council support, and support from the State Budget Offices, legislative approval to fund additional TNRIS staff was received from the 64th Legislature.

As earlier envisioned, the TNRIS is now facilitating the fulfillment of the specific statutory responsibilities and administrative needs of the various agencies involved in planning, developing, operating, managing, conserving, and protecting the natural resources of the State. The System is providing maximum availability of natural resources information, consistent with cost and efficiency, to State, federal, regional, and local and private entities to support a variety of activities including water resource planning, coastal zone management, land use planning, energy conservation efforts, and other resource endeavors. The System is serving as a viable mechanism for linking together users of natural resource and related data with those agencies and institutions who collect and store the data.

In addition to supporting inventories and access to machine processable data, TNRIS inventories of non-machine processable data are being directed toward a variety of valuable TNRIS/TWODB supporting requirements to determine new or additional information files or capabilities. Among the most important of these are incorporation of microfilming, text processing, and map manipulation techniques into TNRIS/TWODB activities. Additional activities include the integration of Remote Sensing technology and data into TNRIS/TWODB efforts, development of geo-coding and geographic base handling systems, and enhancement of data analysis and presentation capabilities to include sophisticated interactive graphic and visual presentation.

Additionally, staff effort is being directed to support TNRIS operational requirements including direct support of several participating agency programs and projects. This current phase of TNRIS development will be documented in a progress report to the ICNRE during the 1977 State fiscal year.

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Participating agencies: *Texas Water Development Board • General Land Office • Texas Air Control Board • Texas Forest Service • Texas Industrial Commission • Texas Department of Health Resources • Texas Water Quality Board • Bureau of Economic Geology, University of Texas at Austin • Railroad Commission of Texas • Texas Department of Agriculture • State Department of Highways and Public Transportation • Texas Parks & Wildlife Department • Texas State Soil & Water Conservation Board • Texas Water Rights Commission • Texas Coastal and Marine Council*

## CLASSIFICATION OF DATA AND INFORMATION

Major data and information categories have evolved from the identification and categorization phase of developing the *Texas Natural Resources Information System*. These categories shown pictorially on the following page, were designed to best satisfy the potential data and information needs of all users of the TNRIS. These categories with appropriate subcategories are listed below:

I. BASE DATA - Landmark data and man's subdivisions which serve as a supportive category to locate natural resources.

II. METEOROLOGICAL RESOURCES - Data and information related to all forms of climatological and atmospheric conditions.

- A. Climatological
- B. Air Quality
- C. Man's Activities

III. BIOLOGICAL RESOURCES - Data and information related to all living organisms as an aggregate.

- A. Animal
- B. Plant
- C. Micro-Organisms
- D. Man's Activities

IV. WATER RESOURCES - Data and information related to all occurrences of water.

- A. Surface
- B. Subsurface
- C. Man's Activities

V. GEOLOGIC AND LAND RESOURCES - Data and information related to the constitution and structure of the earth, including land usage.

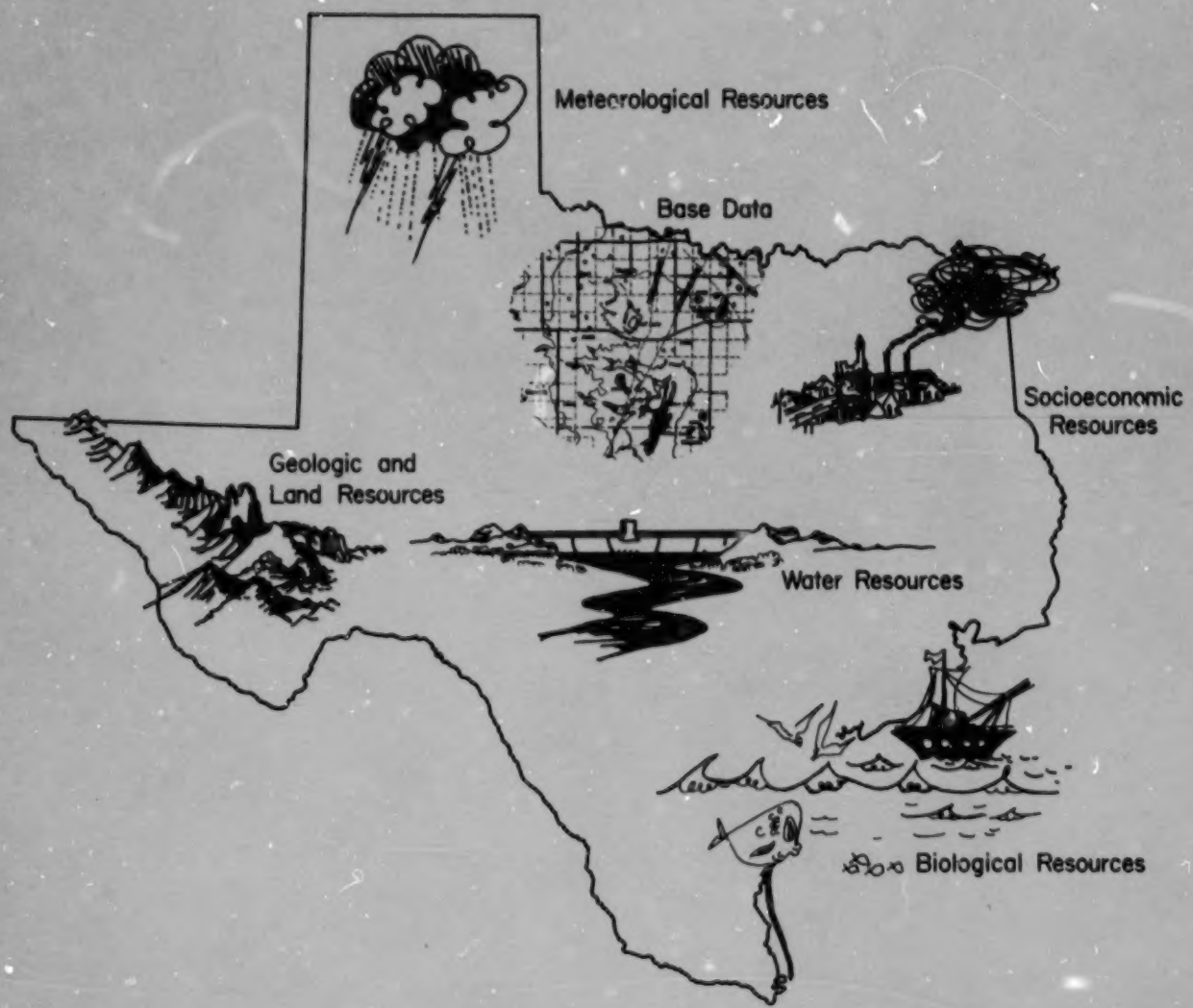
- A. Surface
- B. Subsurface
- C. Man's Activities

VI. SOCIO-ECONOMIC RESOURCES - Although not purely "natural" these resources describe interrelationships between man, nature, and man-made conditions.

- A. Social
- B. Economic
- C. Commerce
- D. Government
- E. Archaeologic

TEXAS NATURAL RESOURCES INFORMATION SYSTEM

DATA AND INFORMATION CATEGORIES



## FILE NUMBERING SYSTEM

Using the data and information categories previously defined, a file numbering system for TNRIS files has been developed. The following definition of the term "file" has been used throughout this report.

*file - an organized collection of associated data directed toward some purpose, not necessarily associated with a physical device such as a tape, disc, etc. In this report a specific file will reference only data from one particular category and sub-category of data.*

The file numbering system consists of the following information contained in the eight digit file number:

| XX | XX | XXXX |
|---|---|---|
| major category | sub-category | unique number assigned by TNRIS System Central |

EXAMPLE: File Number 04020100 Represents

Major Category: Water (04)

SubCategory: Sub-Surface (02)

Unique Number: 0100 as assigned by Systems Central

CATEGORIZATION OF COMPLETED TNRIS FILE DESCRIPTIONS

| I. BASE DATA | AGENCY | FILE NUMBER | PAGE |
|---|---|---|---|
| Digitized Water Well Locations | TWDB | 01010100 | 1.1.0100.1 |
| Harvard Digitized County Boundaries | TWDB | 01010200 | 1.1.0200.1 |
| EROS Data Center - Aerial Mapping Photography | TWDB | 01010250 | 1.1.0250.1 |
| EROS Data Center - Landsat Standard Products | TWDB | 01010300 | 1.1.0300.1 |
| EROS - NASA Aircraft Photography | TWDB | 01010350 | 1.1.0350.1 |
| EROS - Manned Spacecraft Photography | TWDB | 01010400 | 1.1.0400.1 |
| Agricultural Stabalization & Conservation Service Aerial Photography | TWDB | 01010450 | 1.1.0450.1 |
| Geographic Information System County Boundaries | TWDB | 01010500 | 1.1.0500.1 |
| Bureau of the Census/DIME County Boundaries | TWDB | 01010600 | 1.1.0600.1 |
| 10 Minute Grid Coordinate Table | TPW | 01010625 | 1.1.0625.1 |
| Community Profile - Geographic Location | TIC | 01010650 | 1.1.0650.1 |
| County Profile - Geographic Location | TIC | 01010655 | 1.1.0655.1 |
| State Water District Master | TWRC | 01010675 | 1.1.0675.1 |
| State and Federal Owned Lands | TWDB | 01010700 | 1.1.0700.1 |
| Defense Intelligence Agency (DIA) Aerial Photography | TWDB | 01010800 | 1.1.0800.1 |
| National Cartographic Information Center (NCIC) Cartographic Data & Imagery | TWDB | 01010900 | 1.1.0900.1 |

II. METEOROLOGICAL RESOURCES

A. Climatological

| | | | |
|---|---|---|---|
| Daily NWS Precipitation | TWDB | 02010100 | 2.1.0100.1 |
| Daily TWDB Precipitation | TWDB | 02010200 | 2.1.0200.1 |
| Monthly NWS Precipitation | TWDB | 02010300 | 2.1.0300.1 |
| Monthly TWDB Precipitation | TWDB | 02010400 | 2.1.0400.1 |
| Daily NWS Minimum Temperature | TWDB | 02010500 | 2.1.0500.1 |
| Daily TWDB Minimum Temperature | TWDB | 02010600 | 2.1.0600.1 |
| Monthly NWS Minimum Temperature | TWDB | 02010650 | 2.1.0650.1 |
| Monthly TWDB Minimum Temperature | TWDB | 02010700 | 2.1.0700.1 |
| Daily NWS Maximum Temperature | TWDB | 02010800 | 2.1.0800.1 |
| Daily TWDB Maximum Temperature | TWDB | 02010900 | 2.1.0900.1 |
| Monthly NWS Maximum Temperature | TWDB | 02010950 | 2.1.0950.1 |
| Monthly TWDB Maximum Temperature | TWDB | 02011000 | 2.1.1000.1 |
| Daily NWS Wind Movement | TWDB | 02011100 | 2.1.1100.1 |
| Daily TWDB Wind Movement | TWDB | 02011200 | 2.1.1200.1 |
| Monthly NWS Wind Movement | TWDB | 02011250 | 2.1.1250.1 |
| Monthly TWDB Wind Movement | TWDB | 02011300 | 2.1.1300.1 |
| Daily NWS Pan Evaporation | TWDB | 02011400 | 2.1.1400.1 |
| Daily TWDB 2-Ft. Pan Evaporation | TWDB | 02011500 | 2.1.1500.1 |

| | AGENCY | FILE NUMBER | PAGE |
|---|---|---|---|
| Daily TWDB 4-Ft. Pan Evaporation | TWDB | 02011600 | 2.1.1600.1 |
| Daily TWDB 6-Ft. Pan Evaporation | TWDB | 02011700 | 2.1.1700.1 |
| Monthly NWS Pan Evaporation | TWDB | 02011750 | 2.1.1750.1 |
| Monthly TWDB 2-Ft. Pan Evaporation | TWDB | 02011800 | 2.1.1800.1 |
| Monthly TWDB 4-Ft. Pan Evaporation | TWDB | 02011900 | 2.1.1900.1 |
| Monthly TWDB 6-Ft. Pan Evaporation | TWDB | 02012000 | 2.1.2000.1 |
| NWS Daily Climatological Master File | TWDB | 02012100 | 2.1.2100.1 |
| TWDB Daily Climatological Master File | TWDB | 02012200 | 2.1.2200.1 |
| Monthly Climatic Index | TWDB | 02012300 | 2.1.2300.1 |
| Hourly Coastal Climatological File | TWDB/ACB | 02012400 | 2.1.2400.1 |
| NWS Hourly Precipitation | TWDB | 02012500 | 2.1.2500.1 |
| NWS Hourly Climatological File | TWDB | 02012600 | 2.1.2600.1 |
| Gross Lake Surface Evaporation-TWDB Report 64 | TWDB | 02012700 | 2.1.2700.1 |
| Net Lake Surface Evaporation-TWDB Report 64 | TWDB | 02012800 | 2.1.2800.1 |
| Daily TWDB Relative Humidity | TWDB | 02012900 | 2.1.2900.1 |
| Monthly TWDB Relative Humidity | TWDB | 02013000 | 2.1.3000.1 |
| Daily IBWC Precipitation | TWDB | 02013100 | 2.1.3100.1 |
| Average NWS Effective Precipitation-1° Quad | TWDB | 02013200 | 2.1.3200.1 |
| TFS Fire Weather Reports | TFS | 02013300 | 2.1.3300.1 |
| Community Profile - Climatological Data | TIC | 02013600 | 2.1.3600.1 |
| County Profile - Climatological Data | TIC | 02013700 | 2.1.3700.1 |
| B. Air Quality | | | |
| Transportation Related Air Quality Data | THD | 02020100 | 2.2.0100.1 |
| Average Particulate and Gaseous Pollutants #1 | ACB | 02020200 | 2.2.0200.1 |
| Average Particulate and Gaseous Pollutants #2 | ACB | 02020300 | 2.2.0300.1 |
| Continuous Air Pollution Monitoring Network | ACB | 02020400 | 2.2.0400.1 |
| C. Man's Activities | | | |
| Compliance Division Mailing List | ACB | 02030100 | 2.3.0100.1 |
| Office of Executive Director Mailing List | ACB | 02030200 | 2.3.0200.1 |
| Technical Support/Sampling Division Mailing List | ACB | 02030300 | 2.3.0300.1 |
| 1971-1972 Summary of Emission Sources | ACB | 02030400 | 2.3.0400.1 |
| Air Pollution Questionnaires Mailing List | ACB | 02030500 | 2.3.0500.1 |
| Compliance with Air Pollution Laws Data | ACB | 02030600 | 2.3.0600.1 |
| Source Surveillance Investigator's Report | ACB | 02030700 | 2.3.0700.1 |
| III. BIOLOGICAL RESOURCES | | | |
| A. Animal | | | |
| Coastal Zone Biological Information | TWDB | 03010100 | 3.1.0100.1 |
| Gulf Coast Shrimp Catch Data | TWDB | 03010200 | 3.1.0200.1 |
| Texas Fish Landing Data | TWDB | 03010300 | 3.1.0300.1 |

| | AGENCY | FILE NUMBER | PAGE |
|---|---|---|---|
| Mourning Dove Harvest Survey | TPW | 03010400 | 3.1.0400.1 |
| Texas Fish Landings (Commercial) | TPW | 03010500 | 3.1.0500.1 |
| Deer Movement Fix File | TPW | 03010600 | 3.1.0600.1 |
| Bird Banding Recovery File | TPW | 03010700 | 3.1.0700.1 |
| Lake Meridian Trap Data | TPW | 03010800 | 3.1.0800.1 |
| Deer - Turkey Harvest Survey | TPW | 03010900 | 3.1.0900.1 |
| Fish Distribution (Stocking) | TPW | 03011000 | 3.1.1000.1 |
| County Estimates For 62 Crop and Livestock Items | TDA | 03011100 | 3.1.1100.1 |
| TFS Southern Pine Beetle Operations | TFS | 03011200 | 3.1.1200.1 |
| B. Plant | | | |
| County Estimates For 62 Crop and Livestock Items | TDA | 03020100 | 3.2.0100.1 |
| TFS Wildfire Reports | TFS | 03020200 | 3.2.0200.1 |
| C. Micro-Organisms | | | |
| Bacteriological Quality of Inland Waters | TSDH | 03030100 | 3.3.0100.1 |
| Coastal Zone Biological Information | TWDB | 03030200 | 3.3.0200.1 |
| Bacterial Water Quality, Rivers, Lakes Streams | TSDH | 03030300 | 3.3.0300.1 |
| Coastal Water Data | TSDH | 03030400 | 3.3.0400.1 |
| D. Man's Activities | | | |
| TFS Woodland Management Activities | TFS | 03040100 | 3.4.0100.1 |
| TFS Wildfire Reports | TFS | 03040200 | 3.4.0200.1 |
| Mourning Dove Harvest Survey | TPW | 03040300 | 3.4.0300.1 |
| Texas Fish Landings (Commercial) | TPW | 03040400 | 3.4.0400.1 |
| Deer - Turkey Harvest Survey | TPW | 03040500 | 3.4.0500.1 |
| Fish Distribution (Stocking) | TPW | 03040600 | 3.4.0600.1 |
| Species Code Names | TPW | 03040700 | 3.4.0700.1 |
| Gulf Coast Shrimp Catch Data | TPW | 03040800 | 3.4.0800.1 |
| Texas Fish Landing Data | TPW | 03040900 | 3.4.0900.1 |
| TFS Southern Pine Beetle Operations | TFS | 03041000 | 3.4.1000.1 |
| County Profile - Farm Products | TIC | 03041100 | 3.4.1100.1 |
| IV. WATER RESOURCES | | | |
| A. Surface | | | |
| Daily USGS Streamflow | TWDB | 04010100 | 4.1.0100.1 |
| Monthly USGS Streamflow | TWDB | 04010200 | 4.1.0200.1 |
| Daily TWDB Sediment Load | TWDB | 04010300 | 4.1.0300.1 |
| Monthly TWDB Sediment Load | TWDB | 04010400 | 4.1.0400.1 |

| | AGENCY | FILE NUMBER | PAGE |
|---|---|---|---|
| Coastal Water Data | TSDH | 04010500 | 4.1.0500.1 |
| Daily USGS Surface Water Temperature | TWDB | 04010600 | 4.1.0600.1 |
| Daily USGS Surface Water Conductance | TWDB | 04010700 | 4.1.0700.1 |
| Coastal Zone Hydrographical Information | TWDB | 04010800 | 4.1.0800.1 |
| Monthly Bureau of Reclamation Runoff | TWDB | 04010900 | 4.1.0900.1 |
| USGS Surface Water Quality Data | TWDB | 04011000 | 4.1.1000.1 |
| Stream Monitoring Network | TWQB | 04011100 | 4.1.1100.1 |
| Estuarine Water Quality Data | TSDH | 04011200 | 4.1.1200.1 |
| Daily IBWC Streamflow | TWDB | 04011300 | 4.1.1300.1 |
| Monthly IBWC Sediment Load | TWDB | 04011400 | 4.1.1400.1 |
| Monthly IBWC Reservoir Content | TWDB | 04011500 | 4.1.1500.1 |
| B. Subsurface | | | |
| Water-Level Measurements | TWDB | 04020100 | 4.2.0100.1 |
| Ground-Water Quality | TWDB | 04020200 | 4.2.0200.1 |
| C. Man's Activities | | | |
| Water Use By Hydrographic Unit | TWDB | 04030100 | 4.3.0100.1 |
| Daily USGS Reservoir Content | TWDB | 04030200 | 4.3.0200.1 |
| Monthly USGS Reservoir Content | TWDB | 04030300 | 4.3.0300.1 |
| Irrigation Inventory | TWDB | 04030400 | 4.3.0400.1 |
| Municipal Return Flow | TWQB | 04030500 | 4.3.0500.1 |
| Industrial Return Flow | TWQB | 04030600 | 4.3.0600.1 |
| Self Report Data (Water Quality) | TWQB | 04030700 | 4.3.0700.1 |
| Waste Control Order Data (WCO File) | TWQB | 04030800 | 4.3.0800.1 |
| Municipal & Industrial Water Use | TWDB | 04030900 | 4.3.0900.1 |
| Water Rights Permit Master File | TWRC | 04031000 | 4.3.1000.1 |
| Water Rights Permit Address File | TWRC | 04031100 | 4.3.1100.1 |
| State Water District Master | TWRC | 04031150 | 4.3.1150.1 |
| Water Use File | TWRC | 04031200 | 4.3.1200.1 |
| Certified Water Or Wastewater Operator File | TSDH | 04031300 | 4.3.1300.1 |
| Dam Inventory | TWRC | 04031500 | 4.3.1500.1 |
| Sewage Treatment Plant Inventory | TSDH | 04031600 | 4.3.1600.1 |
| Water or Wastewater Operator File | TSDH | 04031700 | 4.3.1700.1 |
| Community Profile - Water Utilities Information | TIC | 04031800 | 4.3.1800.1 |
| V. GEOLOGIC AND LAND RESOURCES | | | |
| A. Surface | | | |
| Soil Summary Master File | TWDB | 05010100 | 5.1.0100.1 |
| Corpus Christi Area Resource Capability Units | BEG | 05010200 | 5.1.0200.1 |

| | AGENCY | FILE NUMBER | PAGE |
|---|---|---|---|
| Fracture Mapping | BEG | 05010300 | 5.1.0300.1 |
| Open Pits in Texas | BEG | 05010400 | 5.1.0400.1 |
| **B. Subsurface** | | | |
| Annual Oil Production | TWDB | 05020100 | 5.2.0100.1 |
| Annual Natural Gas Production | TWDB | 05020200 | 5.2.0200.1 |
| Annual Water Injection in Secondary Recovery | TWDB | 05020300 | 5.2.0300.1 |
| Cummulative Oil and Gas Production Totals | TWDB | 05020400 | 5.2.0400.1 |
| Corelabs Subsurface Saline Water Survey | TWDB | 05020500 | 5.2.0500.1 |
| Oil Production And Allowable Master | TRRC | 05020600 | 5.2.0600.1 |
| Gas Production And Allowable Master | TRRC | 05020700 | 5.2.0700.1 |
| **C. Man's Activities** | | | |
| Land Classification Master File | GLO | 05030100 | 5.3.0100.1 |
| Submerged Lease Data File | GLO | 05030200 | 5.3.0200.1 |
| State Land Lease Master File | GLO | 05030300 | 5.3.0300.1 |
| Permanent Free School Fund Land Master File | GLO | 05030400 | 5.3.0400.1 |
| Veteran's Land Master File | GLO | 05030500 | 5.3.0500.1 |
| Veteran's Land Statistical File | GLO | 05030600 | 5.3.0600.1 |
| Unsold School Land File | GLO | 05030700 | 5.3.0700.1 |
| Secondary Recovery - Master | TRRC | 05030800 | 5.3.0800.1 |
| Secondary Recovery - Lease File | TRRC | 05030900 | 5.3.0900.1 |
| Secondary Recovery - Fluids | TRRC | 05031000 | 5.3.1000.1 |
| Secondary Recovery - Injection | TRRC | 05031100 | 5.3.1100.1 |
| Secondary Recovery - Year File | TRRC | 05031200 | 5.3.1200.1 |
| Liquid Spillage | TRRC | 05031300 | 5.3.1300.1 |
| Annual Water Injection For Secondary Recovery | TWDB | 05031400 | 5.3.1400.1 |
| Community Profile - Zoning Ordinances | TIC | 05031500 | 5.3.1500.1 |
| County Profile - Agricultural Land Use | TIC | 05031600 | 5.3.1600.1 |
| State-owned Parklands | TPW | 05031700 | 5.3.1700.1 |
| Community Profile - Water Utilities Information | TIC | 05031800 | 5.3.1800.1 |
| **VI. SOCIO-ECONOMIC RESOURCES** | | | |
| **A. Social** | | | |
| 1970 U. S. Census of Population and Housing - First Count Summary | TWDB | 06010100 | 6.1.0100.1 |
| 1970 U. S. Census of Population and Housing - Second Count Summary | TWDB | 06010200 | 6.1.0200.1 |
| 1970 U. S. Census of Population and Housing - Third Count Summary | TWDB | 06010300 | 6.1.0300.1 |
| 1970 U. S. Census of Population and Housing - Fourth Count Summary | TWDB | 06010400 | 6.1.0400.1 |

| | AGENCY | FILE NUMBER | PAGE |
|---|---|---|---|
| 1970 U. S. Census of Population and Housing - Fifth Count Summary | TWDB | 06010500 | 6.1.0500.1 |
| Obers County Population and Land Area | TWDB | 06010600 | 6.1.0600.1 |
| Automatic Traffic Recorder Volumes | THD | 06010700 | 6.1.0700.1 |
| Highway Speed Survey | THD | 06010800 | 6.1.0800.1 |
| Origin Destination Survey | THD | 06010900 | 6.1.0900.1 |
| Traffic Log | THD | 06011000 | 6.1.1000.1 |
| Boat Registration Master | TPW | 06011100 | 6.1.1100.1 |
| Public Hunts - Drawn Master | TPW | 06011200 | 6.1.1200.1 |
| Community Profile - Population and Education | TIC | 06011300 | 6.1.1300.1 |
| County Profile - Population | TIC | 06011400 | 6.1.1400.1 |
| **B. Economic** | | | |
| County and SMSA Earnings and Income | TWDB | 06020100 | 6.2.0100.1 |
| Dun and Bradstreet | TWDB | 06020200 | 6.2.0200.1 |
| Obers Water Resource Regions | TWDB | 06020300 | 6.2.0300.1 |
| Obers Economic Areas | TWDB | 06020400 | 6.2.0400.1 |
| Obers County Population and Land Area | TWDB | 06020500 | 6.2.0500.1 |
| Highway Bridge Log | THD | 06020600 | 6.2.0600.1 |
| Structure Inventory and Appraisal File | THD | 06020700 | 6.2.0700.1 |
| Road Life Data | THD | 06020800 | 6.2.0800.1 |
| Roadway Characteristics, State Highway System | THD | 06020900 | 6.2.0900.1 |
| Roadway Characteristics, County System | THD | 06021000 | 6.2.1000.1 |
| Rail-Highway Grade Crossings | THD | 06021100 | 6.2.1100.1 |
| Community Profile - Business Statistics | TIC | 06021120 | 6.2.1120.1 |
| County Profile - Personal Income and Earnings | TIC | 06021130 | 6.2.1130.1 |
| **C. Commerce** | | | |
| Truck Weight Data | THD | 06030100 | 6.3.0100.1 |
| Community Profile - Business Statistics | TIC | 06030200 | 6.3.0200.1 |
| County Profile - Business Statistics | TIC | 06030300 | 6.3.0300.1 |
| **D. Government** | | | |
| State Water District Master | | 06040100 | 6.4.0100.1 |
| Community Profile - City Government Information | TIC | 06040200 | 6.4.0200.1 |
| County Profile - County Government Information | TIC | 06040300 | 6.4.0300.1 |
| State Water District Information | TWRC | 06040400 | 6.4.0400.1 |

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010100 |
| PAGE: | 1.1.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DIGITIZED WATER-WELL LOCATIONS

FILE DESCRIPTION:

This file presently contains coordinates, in digital form, of the boundaries of approximately 230 counties in Texas, and the locations of many water-level and water-quality observation wells within those counties. The file will be expanded to include all 254 counties in the State with selected well-location datum. Escarpment boundaries are also included for counties in the High Plains Region. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF COLLECTION: N/A

UNITS OF MEASUREMENT: Latitude/Longitude

FREQUENCY OF UPDATE: As new wells are added

DATA RETRIEVAL PUBLICATIONS: Water Well Measurement System User's Manual
Ground Water Quality Retrieval System User Reference Manual

AUTOMATED SYSTEM NUMBER: WD0500, WD5100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010200 |
| PAGE: | 1.1.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: HARVARD DIGITIZED COUNTY BOUNDARIES

FILE DESCRIPTION:

This is a card-image file containing the X-Y coordinates of the boundaries of all 254 counties in Texas. The file was created by digitizing the county boundaries and storing the coordinates on magnetic tape. The file was purchased from the Laboratory for Computer Graphics and Spatial Analysis at Harvard University. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide - all 254 counties

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: Once

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: X-Y Coordinates

AUTOMATED SYSTEM NUMBER: DB0500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 01010250 |
| PAGE: | 1.1.0250.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: EROS DATA CENTER - AERIAL MAPPING PHOTOGRAPHY

FILE DESCRIPTION:

Aerial Photography is acquired by the U. S. Geological Survey and other Federal Government agencies for mapping of the United States. The photography is Black & White and has less than 5 percent cloud cover.

The aerial survey altitudes range from 2000 to 40,000 feet. Because of the large number of aerial photographs necessary to show an area on the ground, the photographs have been indexed by mounting a series of consecutive and adjacent overlapping photographs to create a mosaic of photographs of a specified area. These mosaics are referred to as "photo indexes" and allow for rapid identification of photographic coverage of a specific area. Current holding include some 43,000 photo indexes. Various types of Black & White imagery products are available. Examples of the products and their uses are available in TNRIS Systems Central. Microfilm browse files of LANDSAT coverage are also available for User inspection.

GEOGRAPHIC COVERAGE: U. S. - wide

FREQUENCY OF UPDATE: As available to EROS Data Center

FREQUENCY OF COLLECTION: As required to support Federal Mapping projects.

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010300 |
| PAGE: | 1.1.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: EROS DATA CENTER - LANDSAT STANDARD PRODUCTS

FILE DESCRIPTION:

The first Earth Resources Technology satellite, ERTS-1 (renamed LANDSAT-1), was launched July 23, 1972. LANDSAT-2 was launched January 22, 1975. LANDSAT maintains a circular orbit 570 miles above the Earth's surface and circles the Earth every 103 minutes or about 14 times/day. Each daytime orbital pass is from North to South. Each LANDSAT can cover the entire globe, except for the poles, with repetitive coverage every 18 days.

LANDSAT presently carries three data acquisition systems:

(1) A Multispectral Scanner (4 Spectral Bands)

(2) A return beam Vidicon or TV System and

(3) A Data Collection System to relay environmental data from ground-based data collection platforms

Various types of Black & White and Color imagery products and digital imagery data tapes are available. Examples of the products and their uses are available in TNRIS Systems Central. Microfilm browse files of LANDSAT coverage are also available for user inspection.

GEOGRAPHIC COVERAGE: World-wide except poles.

FREQUENCY OF UPDATE: As materials are received from initial processing site.

FREQUENCY OF COLLECTION: Each point covered every 18 days

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010350 |
| PAGE: | 1.1.0350.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: EROS DATA CENTER - NASA AIRCRAFT PHOTOGRAPHY

FILE DESCRIPTION:

NASA Aerial Photography is the product of aerial surveys carried out by the NASA Earth Resources Aircraft Program. The Program is directed primarily at testing a variety of remote-sensing instruments and techniques in aerial flights.

Aerial photography is acquired in a wide variety of formats from flights at altitudes of a few thousand feet up to 60,000 feet using U-2 and RB - 57F aircraft. Various types of imagery products in color, color infrared, and Black & White are available. Examples of the products and their uses are available in TNRIS Systems Central. Microfilm browse files of LANDSAT coverage are also available for user inspection.

GEOGRAPHIC COVERAGE: Selected test sites in U. S. and a few foreign areas.

FREQUENCY OF COLLECTION: As NASA aircraft coverage needs dictate.

UNITS OF MEASUREMENT:

FREQUENCY OF UPDATE: As imagery is received from NASA.

DATA RETRIEVAL PUBLICATIONS:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010400 |
| PAGE: | 1.1.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: EROS DATA CENTER - MANNED SPACE CRAFT PHOTOGRAPHY

FILE DESCRIPTION:

The NASA Skylab Program consisted of one unmanned and three manned missions, flown in 1973 and 1974. The space craft traveled in orbit 270 miles above the earth and acquired imagery and other data of scattered test sites selected to support earth resources experiments.

The Skylab Earth Resources Experiment Package (EREP) consisted of six remote-sensing systems and was designed as a spaceborne facility to be used by the scientific community. The systems used were:

(1) A 6-camera multispectral system

(2) An Earth Terrain Camera

(3) An Infrared Spectrometer

(4) A 13-band multi-spectral Scanner System

(5) A Microwave Radiometer/Scatterometer and Altimeter

(6) An L-Band Radiometer

(Continued next page)

GEOGRAPHIC COVERAGE: Selected areas world wide (50°N - 50° S)

FREQUENCY OF COLLECTION: Selected time periods

UNITS OF MEASUREMENT:

FREQUENCY OF UPDATE: Program ended

DATA RETRIEVAL PUBLICATIONS:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010400 |
| PAGE: | 1.1.0400.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: EROS DATA CENTER - MANNED SPACE CRAFT PHOTOGRAPHY (Continued)

FILE DESCRIPTION:

Photographic coverage over limited areas of the Earth was acquired by the Gemini and Apollo missions from 1965 to 1969.

Various types of imagery products in Black & White and Color are available. Examples of the products and their uses are available in TNRIS Systems Central. Microfilm browse files of LANDSAT coverage are also available for user inspection.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010450 |
| PAGE: | 1.1.0450.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: AGRICULTURAL STABALIZATION & CONSERVATION SERVICE (ASCS) - AERIAL PHOTOGRAPHY

FILE DESCRIPTION:

Various types of Black and White aerial imagery products are available from ASCS. Imagery is acquired to satisfy USDA/ASCS studies/projects.

GEOGRAPHIC COVERAGE: Nation-wide

FREQUENCY OF UPDATE: As imagery is received from acquiring agencies.

FREQUENCY OF COLLECTION: As needed to support USDA.

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010500 |
| PAGE: | 1.1.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: GEOGRAPHIC INFORMATION SYSTEM COUNTY BOUNDARIES

FILE DESCRIPTION:

This file contains geographic coordinates of all County boundaries in Texas. It is defined as a TNRIS Geographic Information System (GIS) geographic base file. All coordinates are actual latitude and longitude values, expressed as declined degrees. The data can be accessed by county and/or geographic area by existing GIS Software.

GEOGRAPHIC COVERAGE: State

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: Once

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Latitude
Longitude

AUTOMATED SYSTEM NUMBER: DB0500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010600 |
| PAGE: | 1.1.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: BUREAU OF THE CENSUS/DIME COUNTY BOUNDARIES

FILE DESCRIPTION:

Contains digitized county boundaries for all 254 Texas counties in Latitude/Longitude. The Dual Independent Map Encoding (DIME) file was digitized by the U. S. Census Bureau. Texas county boundaries have been extracted from the file and included in the Geographic Information System maintained by TNRIS. The data can be accessed by county and/or geographic area by existing Geographic Information System Software.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Latitude
Longitude

AUTOMATED SYSTEM NUMBER: DB0500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010625 |
| PAGE: | 1.1.0625.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 10 MINUTE GRID COORDINATE TABLE

FILE DESCRIPTION:

This file contains the 10 minute grid coordinate records which are used to match against Federal dove (etc.) recovery and banding summary tapes (match on latitude and longitude), adding county name, county number, and the county's primary and secondary ecological region to the Federal tape.

The record contains the latitude, longitude, primary and secondary ecological regions, and the county name and number of each 10-minute grid unit. This data is furnished to the Texas Natural Resources Information System by the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010650 |
| PAGE: | 1.1.0650.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - GEOGRAPHIC LOCATION

FILE DESCRIPTION:

This file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010655 |
| PAGE: | 1.1.0655.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - GEOGRAPHIC LOCATION

FILE DESCRIPTION:

This file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010675 |
| PAGE: | 1.1.0675.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: STATE WATER DISTRICT MASTER

FILE DESCRIPTION:

Selected information concerning water districts is contained on this file. Data includes names and addresses, bond issues, area, latest audit date and information required by Section 50.302, Texas Water Code. The primary identifier is an alpha code. This data is furnished to the Texas Natural Resources Information System through the Texas Water Rights Commission.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: As needed

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Dollars, acres and percent

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010800 |
| PAGE: | 1.1.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DEFENSE INTELLIGENCE AGENCY (DIA) AERIAL PHOTOGRAPHY

FILE DESCRIPTION:

The Defense Intelligence Agency possesses aerial photographic coverage of the United States in a variety of film types, scales and formats acquired on military training flights for reconnaissance and in support of the Defense Mapping Agency charting and mapping programs. The photography is unclassified.

GEOGRAPHIC COVERAGE: Nation-wide

FREQUENCY OF UPDATE: As available from Defense Mapping Agency and Military units

FREQUENCY OF COLLECTION: As required to support Department of Defense operations

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 01010900 |
| PAGE: | 1.1.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: NATIONAL CARTOGRAPHIC INFORMATION CENTER (NCIC) CARTOGRAPHIC DATA AND IMAGERY

FILE DESCRIPTION:

The National Cartographic Information Center (NCIC), established by the U. S. Geological Survey in July, 1974, is a national information service to make cartographic data and remote sensing imagery accessible to the public and to Federal, State and local agencies. These data include maps and charts, aerial and satellite imagery, geodetic control data and map data in digital form. NCIC serves as a central indexing system for aerial photography coverage which has been flown by Federal, State and local Agencies as well as by a variety of private entities. TNRIS Systems Central serves as a Local Assistance Center for NCIC to make NCIC products available to TNRIS users.

GEOGRAPHIC COVERAGE: Nation-wide

FREQUENCY OF UPDATE: As available to NCIC

FREQUENCY OF COLLECTION: Continually accepts photo indexes from participating agencies

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# II. METEOROLOGICAL RESOURCES

A. CLIMATOLOGICAL

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010100 |
| PAGE: | 2.1.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY NWS PRECIPITATION

FILE DESCRIPTION:

This file consists of daily precipitation measurements recorded at NWS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for over 1100 Texas stations are included. The period of record for stations begins in 1900. Records tend to be more complete since 1948 for most stations. Measurements are recorded to hundredths of an inch or as a trace for very small amounts. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service (formerly the USWB). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Quarterly

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010200 |
| PAGE: | 2.1.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB PRECIPITATION

FILE DESCRIPTION:

This file contains daily precipitation measurements recorded at 56 stations across the State. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches to hundredths or as a trace for very small amounts. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010300 |
| PAGE: | 2.1.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY NWS PRECIPITATION

FILE DESCRIPTION:

This file consists of monthly precipitation measurements recorded at NWS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for over 1100 Texas Stations are included with a few stations having recorded data as far back as 1850. Measurements are recorded to hundredths of an inch, or as a trace for small amounts. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service (formerly the USWB). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Inches

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010400 |
| PAGE: | 2.1.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB PRECIPITATION

FILE DESCRIPTION:

This file contains monthly precipitation measurements recorded at 56 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches to hundredths or as a trace for very small amounts. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010500 |
| PAGE: | 2.1.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY NWS MINIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of daily minimum temperature measurements recorded at NWS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for approximately 600 Texas stations are included with 300 stations having at least ten years of recorded data with over 90% of daily data present. Measurements are recorded in whole degrees Fahrenheit. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service (formerly the USWB). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Degrees Fahrenheit

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010600 |
| PAGE: | 2.1.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB MINIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of daily minimum temperature measurements recorded at 56 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in degrees Fahrenheit. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Degrees Fahrenheit

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010650 |
| PAGE: | 2.1.0650.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY NWS MINIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of monthly average minimum temperature measurements recorded at NWS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for approximately 600 Texas stations are included with over 300 stations having at least ten years of recorded data. Measurements are recorded in whole degrees Fahrenheit. Primary file identifiers are station number and date. The file is updated quarterly by averaging daily minimum temperature measurements supplied by the National Weather Service. Monthly averages are calculated for only those months having recorded measurements for every day in the month. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Degrees Fahrenheit

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010700 |
| PAGE: | 2.1.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB MINIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of monthly minimum temperature measurements recorded at 56 Stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in degrees Fahrenheit. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Degrees Fahrenheit

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010800 |
| PAGE: | 2.1.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY NWS MAXIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of daily maximum temperature measurements recorded at NWS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for approximately 600 Texas Stations are included with over 300 stations having at least ten years of recorded data with over 90% of daily data present. Measurements are recorded in whole degrees Fahrenheit. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service (formerly the USWB). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Degrees Fahrenheit

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010900 |
| PAGE: | 2.1.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB MAXIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of daily maximum temperature measurements recorded at 56 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in degrees Fahrenheit. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Degrees Fahrenheit

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02010950 |
| PAGE: | 2.1.0950.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY NWS MAXIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of monthly average maximum temperature measurements recorded at National Weather Service stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for approximately 600 Texas stations are included with over 300 stations having at least ten years of recorded data. Measurements are recorded in whole degrees Fahrenheit. Primary file identifiers are station number and date. The file is updated quarterly by averaging daily maximum temperature measurements supplied by the National Weather Service. Monthly averages are calculated for only those months having recorded measurements for every day in the month. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Degrees Fahrenheit

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011000 |
| PAGE: | 2.1.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB MAXIMUM TEMPERATURE

FILE DESCRIPTION:

This file consists of monthly maximum temperature measurements recorded at 56 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in degrees Fahrenheit. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF COLLECTION: Monthly

UNITS OF MEASUREMENT: Degrees Fahrenheit

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011100 |
| PAGE: | 2.1.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY NWS WIND MOVEMENT

FILE DESCRIPTION:

This file consists of daily wind movement measurements recorded at National Weather Service stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for 61 Texas stations are included. Some stations have been recording measurements since 1948, and approximately half the stations current through present. Measurements are recorded to the nearest mile. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service (formerly the USWB). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Miles

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011200 |
| PAGE: | 2.1.1200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB WIND MOVEMENT

FILE DESCRIPTION:

This file consists of daily wind movement measurements recorded at 46 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in whole miles. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 46 Stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Miles

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011250 |
| PAGE: | 2.1.1250.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY NWS WIND MOVEMENT

FILE DESCRIPTION:

This file consists of monthly wind movement measurements recorded at National Weather Service stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for 61 Texas stations is included. Some stations have been recording measurements since 1948, and approximately half the stations current through present. Measurements are recorded to the nearest mile. Primary file identifiers are station number and date. This file is updated quarterly by summing up daily wind movement values supplied by the National Weather Service. Monthly totals are calculated for only those months having recorded measurements for every day in the month. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Miles

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011300 |
| PAGE: | 2.1.1300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB WIND MOVEMENT

FILE DESCRIPTION:

This file consists of monthly wind movement measurements recorded at 46 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded to the nearest mile. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 46 Stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Miles

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011400 |
| PAGE: | 2.1.1400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY NWS PAN EVAPORATION

FILE DESCRIPTION:

This file consists of daily pan evaporation measurements recorded at National Weather Service stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for 60 Texas stations are included. Some stations recording measurements since 1948, and approximately half the stations current through present. Measurements are recorded in inches to hundredths. Measurements are not taken in below freezing temperatures. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service (formerly the USWB). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Inches

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011500 |
| PAGE: | 2.1.1500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB 2-FT. PAN EVAPORATION

FILE DESCRIPTION:

This file contains measurements of daily evaporation from a 2-foot pan, recorded at approximately 40 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 40 Stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Inches

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011600 |
| PAGE: | 2.1.1600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB 4-FT. PAN EVAPORATION

FILE DESCRIPTION:

This file contains measurements of daily evaporation from a 4-foot pan, recorded at approximately 39 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 39 Stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011700 |
| PAGE: | 2.1.1700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB 6-FT PAN EVAPORATION

FILE DESCRIPTION:

This file contains measurements of daily evaporation from a 6-foot pan, recorded at two stations. Data was gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches. Primary file identifiers are station number and date. This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: 2 stations

FREQUENCY OF COLLECTION: Discontinued in 1970

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Discontinued in 1970

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011750 |
| PAGE: | 2.1.1750.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY NWS PAN EVAPORATION

FILE DESCRIPTION:

This file consists of monthly pan evaporation measurements recorded at National Weather Service stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Louisiana and Illinois. Data for 55 Texas stations are included. Measurements are recorded in inches to hundredths, and are not recorded at all during freezing temperatures. Primary file identifiers are station number and date. The file is updated quarterly by summing up daily pan evaporation values supplied by the National Weather Service. Monthly totals are calculated for only those months having recorded measurements for every day in the month. Because most months have one or more daily values missing, the monthly values are quite sporadic. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Inches

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011800 |
| PAGE: | 2.1.1800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB 2-FT. PAN EVAPORATION

FILE DESCRIPTION:

This file contains measurements of monthly evaporation from a 2-foot pan, recorded at approximately 40 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 40 Stations

FREQUENCY OF COLLECTION: Monthly

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02011900 |
| PAGE: | 2.1.1900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB 4-FT. PAN EVAPORATION

FILE DESCRIPTION:

This file contains measurements of monthly evaporation from a 4-foot pan, recorded at approximately 39 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 39 Stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Inches

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012000 |
| PAGE: | 2.1.2000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB 6-FOOT PAN EVAPORATION

FILE DESCRIPTION:

This file contains measurements of monthly evaporation from a 6-foot pan, recorded at two stations. Data is gathered through a cooperative program involving the Texas Water Development Board and Texas A & M University. Measurements are recorded in inches. Primary file identifiers are station number and date. This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: 2 stations

FREQUENCY OF COLLECTION: Discontinued in 1970

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Discontinued in 1970

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012100 |
| PAGE: | 2.1.2100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: NWS DAILY CLIMATOLOGICAL MASTER FILE

FILE DESCRIPTION:

This file consists of daily climatological data recorded by a statewide network of approximately 1600 Nation Weather Service stations, a few of which have recorded data as far back as 1900. A great many climatological parameters are recorded sporadically by the network, but only a few parameters are collected on a regular basis.

Below is a summation of parameters that are collected at various NWS stations:

- Station Number
- Date of Measurement
- Climate Division
- Maximum Temperature
- Minimum Temperature
- Temperature at Observation Time
- Precipitation
- Mean Maximum Temperature Departure
- Maximum Temperature Change
- Mean Minimum Temperature
- Minimum Temperature Change
- Daily Mean Temperature
- Degree Days
- Wind Movements for 24 Hours
- Evaporation
- Maximum Water Temperature Pan
- Minimum Water Temperature Pan
- Water Equivalent of Snow on Ground
- Snowfall and Sleet
- Snow Depth on Ground
- Estimated Precipitation
- Days With:
  - Smoke, Haze
  - Fog
  - Drizzle
  - Thunder
  - Hail
  - Dust, Sandstorm

(Please see next page)

GEOGRAPHIC COVERAGE: Statewide, 1600 stations

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: As applicable

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012100 |
| PAGE: | 2.1.2100.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: NWS DAILY CLIMATOLOGICAL MASTER FILE (Continued)

FILE DESCRIPTION:

Days With:

| | |
|---|---|
| Sleet | Blowing Snow |
| Glaze | High Wind |
| Tornado | |

Daily precipitation measurements are taken at a majority of stations, but less than 600 stations record minimum and maximum temperatures, and fewer than 70 stations record wind movement and pan evaporation. Only 19 stations collect the remainder of the parameters listed above. Stations are located in all 254 Texas counties.

This data file, which is updated quarterly, is obtained from the National Weather Service (formerly the USWB) in Asheville, North Carolina. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012200 |
| PAGE: | 2.1.2200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TWDB DAILY CLIMATOLOGICAL MASTER FILE

FILE DESCRIPTION:

This file contains daily climatological measurements recorded at 56 stations across the State of Texas from 1969. Data is collected through a cooperative program between the Texas Water Development Board and Texas A & M University. Primary file identifiers are station number and date.

Below is a summation of the parameters stored on the file:

Station Number
Date of Measurement
Maximum Temperature
Minimum Temperature
Temperature at Time of Observation
Mean Relative Humidity
Precipitation
Wind Movement

Occurrance of Moisture:
- Rain, Snow, Frost
- Hail, Mist, Freeze
- Sleet, Fog
- Glaze, Dew

Occurrance of Wind & Storm:
- Still, Damaging, Norther
- Moderate, Tornado, Hot wind
- Strong, Thunder

Condition of Atmosphere:
- Haze, Partly Cloudy
- Clear, Cloudy

This data is furnished to the Texas Natural Resources Information System by the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 56 Stations

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012300 |
| PAGE: | 2.1.2300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY CLIMATIC INDEX

FILE DESCRIPTION:

Monthly Climatic Index data is available since 1903 for locations throughout the entire state of Texas. Climatic Index is a number expressing a relation of four climatic factors - air temperature, dew point temperature, wind movement, and solar radiation. It is used as an estimation of gross lake surface evaporation and as an estimation of potential soil moisture depletion. Updates to the file are furnished by the Texas Water Rights Commission, which is responsible for calculating the climatic index data and sorting the file according to latitude and longitude. Data is available on a monthly basis by 1° quadrangle. Primary file identifiers are quadrangle and date. This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide by 1° quadrangle

FREQUENCY OF COLLECTION: Monthly

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012400 |
| PAGE: | 2.1.2400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: HOURLY COASTAL CLIMATOLOGICAL FILE

FILE DESCRIPTION:

This file consists of several climatological parameters collected at eight stations along the Texas coastline by the U. S. Coast Guard. Parameters are normally measured three times daily. Climatological factors on the file include:

- Station Number
- Date of Observation
- Time of Observation
- Precipitation
- Wind Speed
- Wind Direction
- Air Temperature
- Barometric Pressure
- Present Weather Condition
- Visibility
- Sea Condition

Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: 8 stations along the Texas coastline

FREQUENCY OF COLLECTION: Three times daily

UNITS OF MEASUREMENT: Various

FREQUENCY OF UPDATE: Monthly

DATA RETRIEVAL PUBLICATIONS: Hourly Coastal Climatological Data System User Reference Manual WD-0705-00, Volume I

AUTOMATED SYSTEM NUMBER: WD0700

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012500 |
| PAGE: | 2.1.2500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: NWS HOURLY PRECIPITATION

FILE DESCRIPTION:

This file consists of precipitation measurements made hourly at 255 National Weather Service (NWS) climatological data gathering stations throughout the State since 1960. Measurements are recorded to hundredths of an inch or as a trace for very small amounts. Primary file identifiers are station number and date. The file is updated quarterly from data supplied by the National Weather Service. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, 255 stations

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Hourly

DATA RETRIEVAL PUBLICATIONS: Hourly Climatological System NWS Hourly Precipitation Data User Reference Manual WD-0705-00 Volume II

AUTOMATED SYSTEM NUMBER: WD0700

UNITS OF MEASUREMENT: Inches

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012600 |
| PAGE: | 2.1.2600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: NWS HOURLY CLIMATOLOGICAL FILE

FILE DESCRIPTION:

This file consists of hourly climatological observations recorded hourly at approximately 40 stations across the State. Prior to 1965, 24 hourly observations per day were usually recorded. After January 1, 1965, observations were recorded every three hours at most stations. Among the parameters recorded are:

- Wind Direction
- Speed
- Barometric Pressure
- Wet and Dry Bulb Temperature
- Cloud Conditions
- Humidity

The occurrence and intensity of all forms of precipitation, both liquid and frozen, is recorded, although amount of precipitation is not. All data is obtained from the National Weather Service (NWS). Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board and the Texas Air Control Board. Software to report the data was developed in cooperation with the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Approximately 40 stations statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Every three hours

DATA RETRIEVAL PUBLICATIONS: Hourly Climatological Data System User Reference Manual WD-0705-00

AUTOMATED SYSTEM NUMBER: WD0700

UNITS OF MEASUREMENT: Various

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012700 |
| PAGE: | 2.1.2700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: GROSS LAKE SURFACE EVAPORATION - TWDB REPORT 64

FILE DESCRIPTION:

This file contains gross lake surface evaporation rates in inches for the entire state of Texas. The data is computed for each station in a statewide network by applying monthly pan coefficients to the raw pan-evaporation data. A Computer Analysis is made from these data and monthly average evaporation rates are computed for each 1° quadrangle statewide. Primary file identifiers are quadrangle and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide by 1° quadrangle

FREQUENCY OF UPDATE: Approximately 5 years

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Inches

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012800 |
| PAGE: | 2.1.2800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: NET LAKE SURFACE EVAPORATION - TWDB REPORT 64

FILE DESCRIPTION:

This file contains net lake surface evaporation rates in feet for the entire State of Texas. The net lake surface evaporation rates for each quadrangle are obtained by subtracting the effective rainfall from the gross lake surface evaporation and converting from inches to depth in feet.

This data is used in the water supply analysis for maintaining the Texas Water Plan and is extensively used by hydrologists throughout the state for hydrological investigations. Primary file identifiers are quadrangle and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide by 1° quadrangle

FREQUENCY OF UPDATE: Approximately every 5 years

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Feet

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02012900 |
| PAGE: | 2.1.2900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB RELATIVE HUMIDITY

FILE DESCRIPTION:

This file consists of daily arithmetic averages of the maximum and minimum relative humidity values recorded on a hydrograph at 46 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board, Texas A & M University Experiment Stations, and other entities. Measurements are recorded in percent. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION:

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Percent

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02013000 |
| PAGE: | 2.1.3000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB RELATIVE HUMIDITY

FILE DESCRIPTION:

This file consists of monthly means of daily arithmetic averages of the maximum and minimum relative humidity values recorded on a hydrograph at 46 stations across the state. Data is gathered through a cooperative program involving the Texas Water Development Board, Texas A & M University Experiment Stations, and other entities. Measurements are recorded in percent. Primary identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Percent

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02013100 |
| PAGE: | 2.1.3100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY IBWC PRECIPITATION

FILE DESCRIPTION:

This file contains daily precipitation measurements recorded at 166 stations in the Rio Grande watershed in Texas. Data is gathered by the International Boundary and Water Commission (IBWC) and published in annual water bulletins. Measurements are recorded in inches to hundredths or as a trace for very small amounts. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the International Boundary and Water Commission by the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Rio Grande watershed in Texas, 166 stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Inches

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

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# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02013300 |
| PAGE: | 2.1.3300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS FIRE WEATHER REPORTS

FILE DESCRIPTION:

This file contains daily weather information collected by the Texas Forest Service at seven reporting stations. Fire weather and wildfire information provide a basis to forecast fire hazards and behavior. Primary file identifiers are Texas Forest Service district and date. This data is furnished to the Texas Natural Resources Information System through the Texas Forest Service. Below is a summation of the parameters stored on this file:

- District
- Date
- Temperature
- Relative Humidity
- Herbatious Vegetation Condition
- Ignition Component
- Risk
- Occurrence Index
- Wind Speed
- Spread Component
- Energy Release Component
- Burning Index
- Fire Load Index
- Precipitation Duration
- Precipitation Amount

GEOGRAPHIC COVERAGE: 52 Counties - East Texas Region

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02013600 |
| PAGE: | 2.1.3600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - CLIMATOLOGICAL DATA

FILE DESCRIPTION:

The Community Profile - Climatological Data file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

72

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02013700 |
| PAGE: | 2.1.3700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - CLIMATOLOGICAL DATA

FILE DESCRIPTION:

The County Profile - Climatological Data file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

## B. AIR QUALITY

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02020100 |
| PAGE: | 2.2.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TRANSPORTATION RELATED AIR QUALITY DATA

FILE DESCRIPTION:

This file contains air pollution data recorded by measurement at preselected sites within major Texas population areas for completion of environmental impact statements of associated highway construction projects. As of November, 1973, the instruments involved in the data collection and measurement phase are a hydrogen flame ionization detector for measuring the total hydrocarbon compounds present, a carbon monoxide monitor, and the instruments for measuring wind speed, wind direction, relative humidity, barometric pressure and temperature. The measured data items are:

1. Total hydrocarbons in parts per million (ppm).
2. Carbon monoxide in parts per million (ppm).
3. Wind Speed in miles per hour.
4. Wind direction during the measurement period in compass degrees.
5. Relative humidity in percent.
6. Barometric pressure in inches of HG about an operator-set reference.
7. Temperature in degrees Fahrenheit.
8. Nitrogen oxide (s). (Planned as of November 1973).

The data are recorded for periods of a maximum of two hours at any one specific

(Please see next page)

GEOGRAPHIC COVERAGE: Preselected sites within major Texas population areas.

FREQUENCY OF UPDATE: None planned

FREQUENCY OF COLLECTION: One time recording.

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various and described in the section on File Description

AUTOMATED SYSTEM NUMBER:

FILE NAME: TRANSPORTATION RELATED AIR QALITY DATA (Continued)

FILE DESCRIPTION:

site. Initial capture of data is onto Teletype paper tape. The data are then transferred to digital magnetic tape and instrument drift removal calculations are performed on the data. The data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02020200 |
| PAGE: | 2.2.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: AVERAGE PARTICULATE AND GASEOUS POLLUTANTS #1

FILE DESCRIPTION:

Processes pollutant level data (read from cards) producing an updated file and optional reports with data presented in various formats.

46 particulate and 6 gaseous pollutants are measured. The data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Selected sites-statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: 24-hour average (at irregular intervals)

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02020300 |
| PAGE: | 2.2.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: AVERAGE PARTICULATE AND GASEOUS POLLUTANTS #2

FILE DESCRIPTION:

Processes pollutant level data (read from cards) producing an updated file and optional reports with data presented in various formats.

46 particulate and 6 gaseous pollutants are measured. This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Selected sites, statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: 24 hour average (at regular intervals)

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| FILE NUMBER: 02020400 |
|---|
| PAGE: 2.2.0400.1 |
| DATE: AUGUST, 1977 |

FILE NAME: CONTINUOUS AIR POLLUTION MONITORING NETWORK

FILE DESCRIPTION:

This file contains averated hourly pollutant measurements recorded at 5 sites* across the state of Texas from 1972 to present. Data recorded includes:

- Location
- Date
- Time
- Pollutant
- Method of measurement
- Pollutant level

24 different measurements are recorded.

This file is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

* To be expanded to 12 sites.

GEOGRAPHIC COVERAGE: Statewide, 5 stations

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Continuous

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various pollutants

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02020400 |
| PAGE: | 2.2.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: CONTINUOUS AIR POLLUTION MONITORING NETWORK

FILE DESCRIPTION:

This file contains averaged hourly pollutant measurements recorded at 5 sites* across the state of Texas from 1972 to present. Data recorded includes:

- Location
- Date
- Time
- Pollutant
- Method of measurement
- Pollutant level

24 different measurements are recorded.

* To be expanded to 12 sites.

This file is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide, 5 stations

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Continuous

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various pollutants

AUTOMATED SYSTEM NUMBER:

## C. MAN'S ACTIVITIES

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030100 |
| PAGE: | 2.3.0100.7 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMPLIANCE DIVISION MAILING LIST (TACB)

FILE DESCRIPTION:

This file consists of names and addresses of persons or groups on the mailing list for the Compliance Division. Each person or group is identified by a unique account number. Persons and groups on this file are those who:

1. Want to be notified of a future board meeting.
2. Want a copy of the minutes of the last board meeting, and/or
3. Are interested civic groups and general public.

This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Bi-weekly

FREQUENCY OF COLLECTION: Bi-weekly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030200 |
| PAGE: | 2.3.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OFFICE OF EXECUTIVE DIRECTOR MAILING LIST (TACB)

FILE DESCRIPTION:

This file consists of names and addresses of persons or groups on the mailing list for the Office of the Executive Director. Each person or group is identified by a unique account number. Persons and groups on this file are:

1. Technical Advisory Committee
2. Citizens Advisory Council
3. Local Air Control Program Groups
4. Texas Air Control Board, and
5. Air Control Board Regional Supervisors.

This file is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030300 |
| PAGE: | 2.3.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TECHNICAL SUPPORT/SAMPLING DIVISION MAILING LIST (TACB)

FILE DESCRIPTION:

This file consists of names and addresses of persons or groups on the mailing list for the Technical Support/Sampling Division. Each person or group is identified by a unique account number. Persons and groups on this file are all interested in Source Sampling. This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Bi-weekly

FREQUENCY OF COLLECTION: Bi-weekly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030400 |
| PAGE: | 2.3.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 1971-1972 SUMMARY OF EMISSIONS SOURCES

FILE DESCRIPTION:

This is a System 2000 formatted data base. Various industrial pollutant measurements are recorded. Data can be retrieved in several ways. Among them are:

by source (site, county, region, etc.);
by year;
by type of pollutant.

This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Not Updated

FREQUENCY OF COLLECTION: One Time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030500 |
| PAGE: | 2.3.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: AIR POLLUTION QUESTIONNAIRES MAILING LIST

FILE DESCRIPTION:

This file contains data on factories and industries in Texas. Such data as county code, city number, name, address, zip code, etc., is all included. Also contained in the file is information about when certain questionnaires were sent and the results of these questionnaires. All names included in the file are those of polluters or potential polluters.

This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Once a week

FREQUENCY OF COLLECTION: Random

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030600 |
| PAGE: | 2.3.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMPLIANCE WITH AIR POLLUTION LAWS DATA

FILE DESCRIPTION:

This file contains data designed to assist monitoring the progress of point sources within the state in attaining compliance with new regulations promulgated by the Texas Air Control Board. The data includes statements of compliance and results of sampling to obtain levels of pollution.

This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Twice a month

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 02030700 |
| PAGE: | 2.3.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SOURCE SURVEILLANCE INVESTIGATOR'S REPORTS

FILE DESCRIPTION:

File of original Source Surveillance Investigators' Reports for 1971-72 (On-site inspections of manufacturing plants).

This data is furnished to the Texas Natural Resources Information System through the Texas Air Control Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Continuous

FREQUENCY OF COLLECTION: Continuous

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: N/A

AUTOMATED SYSTEM NUMBER:

# III. BIOLOGICAL RESOURCES

A. ANIMAL

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010100 |
| PAGE: | 3.1.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COASTAL ZONE BIOLOGICAL INFORMATION

FILE DESCRIPTION:

Data pertaining to marine organisms of the Texas Gulf Coast are available in this file. Taxonomic parameters are being stored for the Matagorda, San Antonio, Copano-Aransas, Corpus Christi Bay, Sabine Lake and Galveston Bay Systems. The major categories are nekton, plankton, and benthic organisms. The data collection programs are being coordinated by the Texas Water Development Board.

Within a given bay system the primary file identifiers are line, site, date, depth, and time. The organisms scientific name and count level of all species found in a sample are recorded, and selected physical characteristics such as size and weight, are recorded for nekton. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Sabine Lake, Galveston, Brazos, Matagorda, San Antonio, Copano-Aransas, Corpus Christi and Laguna Madre bay systems

FREQUENCY OF COLLECTION: Monthly/Bi-monthly

UNITS OF MEASUREMENT: As applicable

FREQUENCY OF UPDATE: Monthly

DATA RETRIEVAL PUBLICATIONS: WD-2510-01 Coastal Data System Storage Reference Manual and Coastal Data System User Documentation Volume II

AUTOMATED SYSTEM NUMBER: WD2500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 03010200 |
| PAGE: | 3.1.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: GULF COAST SHRIMP CATCH DATA

FILE DESCRIPTION:

This file contains data on the shrimp catch reported at ports along the entire Texas coastline. Data is collected from fish houses and shrimpers by the Texas Parks and Wildlife Department and the National Marine Fisheries Service, National Oceanographic and Atmospheric Administration, of the U. S. Department of Commerce. The federal agency creates a magnetic tape containing the data for Texas and makes the tape available to interested Texas entities.

Data on the tape includes the species, size, trawl depth, area fished, and actual fishing time in number of days. A single trip is reported for each voyage. For craft in which portions of their catch are transported to port by other vessels, the trip is assigned to the area and the depth last fished by the craft. The entire landing is pro-rated to the area and depths fished for craft landing their entire catch. The sizes of shrimp are represented by the number of heads-off shrimp per pound.

(Continued next page)

GEOGRAPHIC COVERAGE: Texas Coastline - all bays and the Gulf of Mexico

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010200 |
| PAGE: | 3.1.0200.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: GULF COAST SHRIMP CATCH DATA (Continued)

FILE DESCRIPTION:

current operations of the fleet. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010300 |
| PAGE: | 3.1.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TEXAS FISH LANDING DATA

FILE DESCRIPTION:

This file consists of data on fish landings at ports along the entire Texas coastline. Data is collected monthly from fish houses by the Texas Parks and Wildlife Department. Upon request data on the file includes month and year of collection, district, species, type of fish (fin or shell), pounds caught, and value of the fish caught.

Primary file identifiers are month and year. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Entire Texas Coastline

FREQUENCY OF UPDATE: Not updated at present

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010400 |
| PAGE: | 3.1.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MOURNING DOVE HARVEST SURVEY

FILE DESCRIPTION:

Comprised of reports of hunts (or non-hunting) of mourning doves; used in producing estimates of number of hunters and statewide harvest; fields include county of hunt, number of hours hunted, date hunted, number of doves bagged, year of study, sequence number, and hunter origin data. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Yearly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010500 |
| PAGE: | 3.1.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TEXAS FISH LANDINGS (COMMERCIAL)

FILE DESCRIPTION:

Contains information necessary for creating monthly audit reports concerning commercial fishing activity in the State of Texas by species, species within district, species within water type, and species within dealer. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010600 |
| PAGE: | 3.1.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DEER MOVEMENT FIX FILE

FILE DESCRIPTION:

This is a file of whitetail deer locations or "fixes" derived by triangulation from bearings taken from towers on the Engeling Wildlife Management Area of deer wearing radio transmitting collars. Attempts were made to collect bearings every 15 minutes through most of the summer months of 1970, 1971, and 1972. Data on the characteristics of the signal received (e.g., "Null Width", "Signal Variance") as well as the weather conditions were recorded. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Engeling WMA

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: Every 15 minutes for various months

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010700 |
| PAGE: | 3.1.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: BIRD BANDING RECOVERY FILE

FILE DESCRIPTION:

Reports of recoveries of all birds banded or recovered in Texas (all species). Fields include band number, date recovered, how obtained, who reported, present condition, why reported, where recovered, permit number, species code, age, sex, where banded, date banded, and hunting seasons survived. This file is obtained each year from the Office of Migratory Bird Management, Bureau of Sport Fisheries and Wildlife, Laurel, Maryland. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Yearly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010800 |
| PAGE: | 3.1.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: LAKE MERIDIAN TRAP DATA

FILE DESCRIPTION:

Contains data from tagging experiments using white crappie from Lake Meridian. The study objectives were to estimate the crappie populations, determine the sport fishing catch, and determine the effects of removal of large numbers of crappie on the growth of the remaining population. This data is furnished to The Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Lake Meridian

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03010900 |
| PAGE: | 3.1.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DEER-TURKEY HARVEST SURVEY

FILE DESCRIPTION:

This file contains reply information from a mail questionnaire sent to selected hunting license holders statewide. The questionnaire surveys hunting success for whitetail deer, mule deer, and turkey. One record is present for each kill.

Below is a summation of the parameters stored:

- License Type
- City of Residence
- County of Residence
- Metropolitan Area of Residence
- Demand Region of Residence
- Planning Region of Residence
- Schedule Region of Residence
- City Size Zone of Residence
- Species
- Sex
- Age
- Buck/Anterless
- County of Kill
- Regulatory District of Kill
- Sociological Region of Kill
- Planning Region of Kill
- Date of Kill
- Total Days Hunted for Species
- Total Days Hunted for each Kill

This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Yearly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03011000 |
| PAGE: | 3.1.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: FISH DISTRIBUTION (STOCKING)

FILE DESCRIPTION:

Contains information necessary for reporting activity of the fish distribution system as to who receives shipment, size of shipment, originating hatchery. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Annual

FREQUENCY OF COLLECTION: Annual

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03011100 |
| PAGE: | 3.1.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY ESTIMATES FOR 62 CROP AND LIVESTOCK ITEMS

FILE DESCRIPTION:

This file contains county estimates for Small Grains, Vegetables, Cotton, Field Crops, Poultry, Livestock, Fruit and Nuts, Dairy, and Cash Receipts from The Sale of Agricultural Products. Data is collected through a cooperative program between the Texas Department of Agriculture and the U. S. Department of Agriculture. Primary file identifiers are County and Year. This data is furnished to the Texas Natural Resources Information System through the Texas Department of Agriculture.

GEOGRAPHIC COVERAGE: Statewide, by county

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: 102

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03011200 |
| PAGE: | 3.1.1200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS SOUTHERN PINE BEETLE OPERATIONS

FILE DESCRIPTION:

This file contains information on all southern pine beetle infestations in Texas from the time of their detection until control. The file is part of an information system which provides a continuous flow of current information between some 200 participants and a central data bank. Field reports on new infestations, ground surveys, and infestation controls are submitted daily by many cooperators to the data bank. Weekly summaries on the current status of their operations are sent to each cooperator. Primary file identifiers are Texas Forest Service District, Flight Sector, Spot Number, Grid, Owner Code, and Owner Sub-Unit.

Below is a summation of the parameters stored:

- TFS District, Sector
- Spot Number
- TFS Grid
- County, Abstract No.
- Owner Name
- Ground Check Date, Number of Trees, and Priority
- Control Date, Number of Trees, and Type of Control

(Continued next page)

GEOGRAPHIC COVERAGE: Approximately 200 Reporters in 24 Counties - East Texas Region

FREQUENCY OF COLLECTION:

UNITS OF MEASUREMENT: Variable

FREQUENCY OF UPDATE:

DATA RETRIEVAL PUBLICATIONS:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03011200 |
| PAGE: | 3.1.1200.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS SOUTHERN PINE BEETLE OPERATIONS (Continued)

FILE DESCRIPTION:

Detection Date, Number
of Trees, Priority, Remarks

This data is furnished to the Texas Natural Resources Information System through the Texas Forest Service.

B. PLANT

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03020100 |
| PAGE: | 3.2.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY ESTIMATES FOR 62 CROP AND LIVESTOCK ITEMS

FILE DESCRIPTION:

This file contains county estimates for Small Grains, Vegetables, Cotton, Field Crops, Poultry, Livestock, Fruit and Nuts, Dairy, and Cash Receipts from The Sale of Agricultural Products. Data is collected through a cooperative program between the Texas Department of Agriculture and the U. S. Department of Agriculture. Primary file identifiers are County and Year. This data is furnished to the Texas Natural Resources Information System through the Texas Department of Agriculture.

GEOGRAPHIC COVERAGE: Statewide, by county

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03020200 |
| PAGE: | 3.2.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS WILDFIRE REPORTS

FILE DESCRIPTION:

This file contains individual reports submitted on each wildfire occurring within the 52 county area administered by the Texas Forest Service. Primary file identifiers are TFS district, county, and date.

Below is a summation of the parameters stored on the file:

- Location
- Date
- Times, started-controlled
- Acres burned
- Owner
- Number of crews used
- Main cause
- Injuries
- Law violations
- Equipment Failures

This data is furnished to the Texas Natural Resources Information System through the Texas Forest Service.

GEOGRAPHIC COVERAGE: 52 Counties - East Texas Region

FREQUENCY OF UPDATE:

FREQUENCY OF COLLECTION:

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Variable

AUTOMATED SYSTEM NUMBER:

## C. MICRO-ORGANISMS

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03030100 |
| PAGE: | 3.3.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: BACTERIOLOGICAL QUALITY OF INLAND WATERS

FILE DESCRIPTION:

Coliform and fecal coliform levels at selected points along the various major rivers of the State are given. Waters sampled include lakes, designated swimming areas at State Parks, major tributaries and main stems of the Trinity, Brazos, Colorado, San Antonio, San Marcos, Guadalupe, Lavaca, and Nueces River Basins. This data is furnished to the Texas Natural Resources Information System through the Texas Department of Health Resources.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Quarterly

DATA RETRIEVAL PUBLICATIONS: None

UNITS OF MEASUREMENT: Most probable number of organisms

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03030200 |
| PAGE: | 3.3.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COASTAL ZONE BIOLOGICAL INFORMATION

FILE DESCRIPTION:

Data pertaining to marine organisms of the Texas Gulf Coast are available in this file. Taxonomic parameters are being stored for the Matagorda, San Antonio, Copano-Aransas, Corpus Christi Bay, Sabine Lake and Galveston Bay Systems. The major categories are nekton, plankton, and benthic organisms. The data collection programs are being coordinated by Texas Water Development Board.

Within a given bay system the primary file identifiers are line, site, date, depth, and time. The organisms scientific name and count level of all species found in a sample are recorded, and selected physical characteristics such as size and weight, are recorded for nekton. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Sabine Lake, Galveston, Brazos, Matagorda, San Antonio, Copano-Aransas, Corpus Christi and Laguna Madre bay systems

FREQUENCY OF COLLECTION: Monthly/Bi-monthly

UNITS OF MEASUREMENT: As applicable

FREQUENCY OF UPDATE: Monthly

DATA RETRIEVAL PUBLICATIONS: WD-2510-01 Coastal Data System Storage Reference Manual and Coastal Data System User Documentation Volume II

AUTOMATED SYSTEM NUMBER: WD2500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03030300 |
| PAGE: | 3.3.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: BACTERIOLOGICAL WATER QUALITY, RIVERS, LAKES, STREAMS

FILE DESCRIPTION:

Bacteriological study of water by total and fecal measurements for all Texas. This data is furnished to the Texas Natural Resources Information System through the Texas Department of Health Resources.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: 3 times per year

FREQUENCY OF COLLECTION: About 3 times per year

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Most probable number of organisms

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03030400 |
| PAGE: | 3.3.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COASTAL WATER DATA

FILE DESCRIPTION:

This Historical file consists of water quality data collected from established sampling points in the various bay systems along the Texas coast. Samples were collected by personnel of the Texas State Department of Health at various intervals ranging from one to six times a year. Each file record contains the following information:

| Identification Data | Field Determinations | Laboratory Determinations |
|---|---|---|
| Bay | Stage of Tide | Suspended Solids/ppm |
| Station Number | Sample Collection Depth | Dissolved Solids/ppm |
| Date of Collection | pH | Chlorides/ppm |
| Time of Collection | Dissolved Oxygen/ppm | Sulfates/ppm |
| | Wind Direction and Velocity | B.O.D./ppm |
| | Air and Water Temperature | Chlorine Demand/ppm |
| | | Total Coliform/MPN/100 ml |

This data is furnished to the Texas Natural Resources Information System through the Texas State Department of Health Resources.

GEOGRAPHIC COVERAGE: Coastal Waters of Texas

FREQUENCY OF UPDATE: Historical file 1952-1974

FREQUENCY OF COLLECTION: One to Six Times Per Year thru 1974

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: See Above

AUTOMATED SYSTEM NUMBER:

## D. MAN'S ACTIVITIES

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040100 |
| PAGE: | 3.4.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS WOODLAND MANAGEMENT ACTIVITIES

FILE DESCRIPTION:

This file contains woodland management activities reported by 24 foresters working in 52 counties of East Texas. Reports include a wide range of activities. Principal activities include landowner assistance in the form of woodland management plans, tree planting, timber sales, forest pest control and forestry information presentations. This data is part of a national system in cooperation with the U. S. Forest Service, USDA.

Primary file identifiers are employee I.D. numbers, TFS district, county and date. This data is furnished to the Texas Natural Resources Information System through the Texas Forest Service.

GEOGRAPHIC COVERAGE: 52 Counties - East Texas Region

FREQUENCY OF UPDATE:

FREQUENCY OF COLLECTION:

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Variable

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040200 |
| PAGE: | 3.4.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS WILDFIRE REPORTS

FILE DESCRIPTION:

This file contains individual reports submitted on each wildfire occurring within the 52 county area administered by the Texas Forest Service. Primary file identifiers are TFS district, county, and date.

Below is a summation of the parameters stored on the file:

- Location
- Date
- Times, started-controlled
- Acres burned
- Owner
- Number of crews used
- Main cause
- Injuries
- Law violations
- Equipment Failures

This data is furnished to the Texas Natural Resources Information System through the Texas Forest Service.

GEOGRAPHIC COVERAGE: 52 Counties - East Texas Region

FREQUENCY OF UPDATE:

FREQUENCY OF COLLECTION:

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Variable

115

AUTOMATED SYSTEM NUMBER:

TWDBS-ISS-267

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040300 |
| PAGE: | 3.4.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MOURNING DOVE HARVEST SURVEY

FILE DESCRIPTION:

Comprised of reports of hunts (or non-hunting) of mourning doves; used in producing estimates of number of hunters and statewide harvest; fields include county of hunt, number of hours hunted, date hunted, number of doves bagged, year of study, sequence number, and hunter origin data. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Yearly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040400 |
| PAGE: | 3.4.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TEXAS FISH LANDINGS (COMMERCIAL)

FILE DESCRIPTION:

Contains information necessary for creating monthly audit reports concerning commercial fishing activity in the State of Texas by species, species within district, species within water type, and species within dealer. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various



AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040500 |
| PAGE: | 3.4.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DEER-TURKEY HARVEST SURVEY

FILE DESCRIPTION:

This file contains reply information from a mail questionnaire sent to selected hunting license holders statewide. The questionnaire surveys hunting success for whitetail deer, mule deer, and turkey. One record is present for each kill.

Below is a summation of the parameters stored:

- License Type
- City of Residence
- County of Residence
- Metropolitan Area of Residence
- Demand Region of Residence
- Planning Region of Residence
- Schedule Region of Residence
- City Size Zone of Residence
- Species
- Sex
- Age
- Buck/Anterless
- County of Kill
- Regulatory District of Kill
- Sociological Region of Kill
- Planning Region of Kill
- Date of Kill
- Total Days Hunted for Species
- Total Days Hunted for each Kill

This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Yearly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040600 |
| PAGE: | 3.4.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: FISH DISTRIBUTION (STOCKING)

FILE DESCRIPTION:

Contains information necessary for reporting activity of the fish distribution system as to who receives shipment, size of shipment, originating hatchery. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE:

FREQUENCY OF COLLECTION: Annual

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040700 |
| PAGE: | 3.4.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SPECIES CODE NAMES

FILE DESCRIPTION:

Code Numbers for plants and animals including major species, minor reference numbers and a description. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: United States

FREQUENCY OF UPDATE: Never

FREQUENCY OF COLLECTION: Once

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040800 |
| PAGE: | 3.4.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: GULF COAST SHRIMP CATCH DATA

FILE DESCRIPTION:

This file contains data on the shrimp catch reported at ports along the entire Texas coastline. Data is collected from fish houses and shrimpers by the Texas Parks and Wildlife Department and the National Marine Fisheries Service, National Oceanographic and Atmospheric Administration, of the U. S. Department of Commerce. The Federal agency creates a magnetic tape available to interested Texas entities.

Data on the tape includes the species, size, trawl depth, area fished, and actual fishing time in number of days. A single trip is reported for each voyage. For craft in which portions of their catch are transported to port by other vessels, the trip is assigned to the area and the depth last fished by the craft. The entire landing is pro-rated to the area and depths fished for craft landing their entire catch. The sizes of shrimp are represented by the number of heads-off shrimp per pound.

This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Texas Coastline-all bays and the Gulf of Mexico

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03040900 |
| PAGE: | 3.4.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TEXAS FISH LANDING DATA

FILE DESCRIPTION:

This file consists of the data on fish landings at ports along the entire Texas coastline. Data is collected monthly from fish houses by the Texas Parks and Wildlife Department. Upon request, data on the file includes month and year of collection, district, species, type of fish (fin or shell), pounds caught, and value of the fish caught.

Primary file identifiers are month and year. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Entire Texas Coastline

FREQUENCY OF COLLECTION: Monthly

UNITS OF MEASUREMENT: Various

FREQUENCY OF UPDATE: Not updated at present

DATA RETRIEVAL PUBLICATIONS:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03041000 |
| PAGE: | 3.4.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS SOUTHERN PINE BEETLE OPERATIONS

FILE DESCRIPTION:

This file contains information on all southern pine beetle infestations in Texas from the time of their detection until control. The file is part of an information system which provides a continuous flow of current information between some 200 participants and a central data bank. Field reports on new infestations, ground surveys, and infestation controls are submitted daily by many cooperators to the data bank. Weekly summaries on the current status of their operations are sent to each cooperator. Primary file identifiers are Texas Forest Service District, Flight Sector, Spot Number, Grid, Owner Code, and Owner Sub-Unit.

Below is a summation of the parameters stored:

- TFS District, Sector
- Spot Number
- TFS Grid
- County, Abstract No.
- Owner Name
- Ground Check Date, Number of Trees, and Priority
- Control Date, Number of Trees, and Type of Control

(Continued next page)

GEOGRAPHIC COVERAGE: Approximately 200 Reporters in 24 Counties - East Texas Region

FREQUENCY OF COLLECTION:

UNITS OF MEASUREMENT: Variable

FREQUENCY OF UPDATE:

DATA RETRIEVAL PUBLICATIONS:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03041000 |
| PAGE: | 3.4.1000.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: TFS SOUTHERN PINE BEETLE OPERATIONS (Continued)

FILE DESCRIPTION:

Detection Date, Number
of Trees, Priority, Remarks

This data is furnished to the Texas Natural Resources Information System through the Texas Forest Service.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 03041100 |
| PAGE: | 3.4.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - FARM PRODUCTS

FILE DESCRIPTION:

The County Profile - Farm Products file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGPAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# IV. WATER RESOURCES

A. SURFACE

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010100 |
| PAGE: | 4.1.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY USGS STREAMFLOW

FILE DESCRIPTION:

This file consists of mean daily discharge records, in cubic feet per second, recorded at USGS stations in several states including Texas, Arkansas, Oklahoma, New Mexico and Louisiana. Data for approximately 600 USGS gaging stations for all river basins throughout the State of Texas is included. This file provides streamflow as published by the U. S. Geological Survey. The file is complete for the period of record at each gage, but all gages do not have the same periods of record. It is recommended that station histories published by USGS should be reviewed prior to requesting these data.

Primary file identifiers are USGS gage number and date. This file is updated annually as published data are available. This data is furnished to the Texas Natural Resources Information System by the USGS through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide; approximately 600 stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Record is collected daily and published annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Cubic feet per second (CFS)

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010200 |
| PAGE: | 4.1.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY USGS STREAMFLOW

FILE DESCRIPTION:

This file consists of monthly streamflow, in acre-feet, recorded at USGS stations in several states including Texas, Arkansas, Oklahoma, New Mexico and Louisiana. Data for approximately 600 USGS gaging stations for all river basins throughout the State of Texas are included. This file provides monthly streamflow volume as published by the U. S. Geological Survey. The file is complete for the period of record at each gage, but all gages do not have the same periods of record. It is recommended that station histories published by USGS should be reviewed prior to requesting these data.

Primary file identifiers are USGS gage number and date. This file is updated annually as published data are available. This data is furnished to the Texas Natural Resources Information System by the USGS through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide; approximately 600 stations (varying from year to year)

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Accumulated daily flows as in file Number: 04010100 rounded using USGS procedures. Daily record is collected daily & published annually.

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Acre-feet

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010300 |
| PAGE: | 4.1.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY TWDB SEDIMENT LOAD

FILE DESCRIPTION:

Daily suspended-sediment load data, expressed in tons per day, from a network of about 60 TWDB sampling stations located on rivers and tributary streams at or near USGS streamflow gaging stations are contained in this file. Each sediment-sampling station has the same USGS streamflow station identifying number and name.

Daily samples are collected in 8-ounce narrow-neck bottles at a position approximately one foot below the water surface near midstream. The TWDB uses 62.5 pounds as the average weight of 1 cubic foot of streamflow. The estimated average ultimate density of sediment is 70 pounds per cubic foot. Volume calculations in acre-feet based on this density are also stored in this file. Primary file identifiers are USGS gage number and date. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide: at approximately 60 stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Tons/Day

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010400 |
| PAGE: | 4.1.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY TWDB SEDIMENT LOAD

FILE DESCRIPTION:

The monthly suspended-sediment load data is an accumulation of the daily data (available in the Daily TWDB Sediment Load File No. 04010300). The unit of measurement is tons/month. This file is updated on an annual basis. Primary file identifiers are station number and date.

Related agency publications are:

TWC Bulletin 6108; June 1889 - September 1959
TWC Bulletin 6410; October 1959 - September 1961
TWDB Report 45; October 1961 - September 1963
TWDB Report 106; October 1963 - September 1965
TWDB Report 184; October 1965 - September 1971

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide; at approximately 60 stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Record accumulated daily from file number : 04010300. Daily record is collected daily and updated annually.

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Tons/month

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010500 |
| PAGE: | 4.1.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COASTAL WATER DATA

FILE DESCRIPTION:

This Historical file consists of water quality data collected from established sampling points in the various bay systems along the Texas coast. Samples were collected by personnel of the Texas State Department of Health at various intervals ranging from one to six times a year. Each file record contains the following information:

| Identification Data | Field Determinations | Laboratory Determinations |
|---|---|---|
| Bay | Stage of Tide | Suspended Solids/ppm |
| Station Number | Sample Collection Depth | Dissolved Solids/ppm |
| Date of Collection | pH | Chlorides/ppm |
| Time of Collection | Dissolved Oxygen/ppm | Sulfates/ppm |
| | Wind Direction and Velocity | B.O.D./ppm |
| | Air and Water Temperature | Chlorine Demand/ppm |
| | | Total Coliforn/MPN/100 ml |

This data is furnished to the Texas Natural Resources Information System through the Texas State Department of Health Resources.

GEOGRAPHIC COVERAGE: Coastal Waters of Texas

FREQUENCY OF UPDATE: Historical file 1952-1974

FREQUENCY OF COLLECTION: One to Six Times Per Year thru 1974

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: See Above

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010600 |
| PAGE: | 4.1.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY USGS SURFACE WATER TEMPERATURE

FILE DESCRIPTION:

This file contains daily surface water temperature measurements recorded at USGS stations in several states including Texas, Arkansas, Oklahoma, New Mexico and Louisiana. Data for approximately 91 Texas stations are included from 1967 - 1971. Temperature is measured in degrees Centigrade. The file is updated annually. Primary identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the USGS through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Approximately 91 stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Degrees centigrade

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010700 |
| PAGE: | 4.1.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY USGS SURFACE WATER CONDUCTANCE

FILE DESCRIPTION:

This file contains daily surface water conductance measurements recorded at USGS stations in several states including Texas, Arkansas, Oklahoma, New Mexico and Louisiana. Data for approximately 93 Texas stations are included from 1967 - 1971. Conductance is measured in micromhos at 25° C. The file is updated annually. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the USGS through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Approximately 93 stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Micromhos at 25°C

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Micromhos

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010800 |
| PAGE: | 4.1.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COASTAL ZONE HYDROGRAPHICAL INFORMATION

FILE DESCRIPTION:

This file consists of physical and chemical data collected in Texas bay and estuarine systems under the coordination of the Texas Water Development Board with the Texas Parks and Wildlife Department, the U. S. Geological Survey, Universities, and private entities. Currently, hydrographic data are stored on all Texas estuarine systems. These systems are sampled under various intervals ranging from bi-weekly to quarterly.

Within a given estuarine system the primary file identifiers are line, site, date, depth and time. This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Sabine, Lake Galveston, Brazos, Matagorda, San Antonio, Copano-Aransas, Corpus Christi, and Laguna Madre Bay Systems

FREQUENCY OF COLLECTION: Bi-weekly/Monthly/ Quarterly

UNITS OF MEASUREMENT: As applicable

FREQUENCY OF UPDATE: Monthly

DATA RETRIEVAL PUBLICATIONS: WD-2510-01
Coastal Data System Storage Reference Manual
Coastal Data System User Documentation Volume II

AUTOMATED SYSTEM NUMBER: WD2500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04010900 |
| PAGE: | 4.1.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY BUREAU OF RECLAMATION RUNOFF

FILE DESCRIPTION:

Monthly runoff data, in units of 100 acre-feet, are provided in this file. The Bureau of Reclamation, U. S. Department of the Interior, computed runoff volumes for the U. S. Study Commission - Texas, based on recorded volumes, for the natural, 1958, 1975, and 2010 conditions of land treatment and land use. The data have been developed for 209 sub-water-shed areas of the Sabine (Texas), Neches, Trinity, San Jacinto, Brazos, Colorado, Lavaca, Guadalupe, San Antonio, and Nueces River Basins.

It is recommended that reports published by the U. S. Study Commission - Texas or the Bureau of Reclamation should be reviewed prior to requesting these data. This file is updated at approximately 5 year intervals or as need for the data arises.

Primary file identifiers are river basin and sub-watershed. This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Approximately 70% of state

FREQUENCY OF UPDATE: Approximately 5 years

FREQUENCY OF COLLECTION: This data is computed from other data

DATA RETRIEVAL PUBLICATIONS: Runoff Determination by the Bureau of Reclamation Procedure WD-9005-00

UNITS OF MEASUREMENT: 100 acre-feet

AUTOMATED SYSTEM NUMBER: WD9000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04011000 |
| PAGE: | 4.1.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: USGS SURFACE WATER QUALITY DATA

FILE DESCRIPTION:

This file consists of measurements of surface water quality recorded by the U. S. Geological Survey (USGS) at over 300 stations statewide. Many stations have data recorded since 1967, and new data are added on a quarterly basis.

Normally chemical analyses are performed on daily water samples that represent equal-volume composites for 2 to 30 day periods. Composite periods are selected on the basis of specific conductance of the daily samples and significant changes in the streamflow. Twenty to twenty-five parameters are usually analyzed, although this number may vary considerably from station to station. In addition to chemical analyses, streamflow, water temperature, and conductivity are recorded. Primary file identifiers are station number and date.

This data is furnished to the Texas Natural Resources Information System by the USGS through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, over 300 stations

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Usually monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: DB0300

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04011100 |
| PAGE: | 4.1.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: STREAM MONITORING NETWORK

FILE DESCRIPTION:

This file consists of physical, chemical, and biological data collected in Texas stream, reservoir, and estuary systems by Texas Water Quality Board, United States Geological Survey, river authorities, and cities. Each system contains a varying number of permanent and inactive sampling stations identified by a respective station number, verbal description, river basin, latitude-longitude and Texas Water Quality Board district. For each station individual measurement sets are identified by station number, date, time, depth, and source agency (collecting entity). These stations are sampled at monthly, quarterly, or yearly intervals.

This file contains provisional data subject to correction. Any question concerning this file should be directed to the responsible entity.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Quality Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Monthly, quarterly, or yearly

DATA RETRIEVAL PUBLICATIONS: Statewide Monitoring Network (Station Description, Map Booklet)

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04011200 |
| PAGE: | 4.1.1200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ESTUARINE WATER QUALITY DATA

FILE DESCRIPTION:

This file consists of water quality data collected from established sampling points located in various estuaries along the Texas coast. Data is collected by personnel of the Texas State Department of Health Resources at intervals ranging from one to six timer per year. Some of the data is identical to that in the Coastal Water Data file. Each file record contains the following information:

| Identification Data | Field Determination | Laboratory Determination |
|---|---|---|
| Bay | Stage of Tide | Chlorides/ppm |
| Station Number | Sample Collection Depth | B.O.D./ppm |
| Date of Collection | Rainfall (24 Hour & 7 Day) | Suspended Solids/ppm |
| Time of Collection | Weather Conditions | Total Coliforn/MPN/100 ml |
| | Wind Direction and Veolcity | Fecal Coliform/MPN/100 ml |
| | Air and Water Temperature | |
| | Dissolved Oxygen/ppm | |
| | Salinity/ppm | |
| | Conductance/micromhos | |
| | pH | |

This data is furnished to the Texas Natural Resources Information System through the Texas State Department of Health Resources.

GEOGRAPHIC COVERAGE: Coastal Water of Texas

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: One to six times per year

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: See above

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04011300 |
| PAGE: | 4.1.1300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY IBWC STREAMFLOW

FILE DESCRIPTION:

This file consists of mean daily discharge records, in cubic feet per second, at approximately 33 gaging stations in the Rio Grande watershed in Texas. This file provides streamflow as published by the International Boundary and Water Commission. The file is complete for the period of record at each gage, but all gages do not have the same periods of record.

Primary file identifiers are gage number assigned by the U. S. Geological Survey and date. This file is updated annually as published data are available. Data is available in printed from from 1931.

This data is furnished to the Texas Natural Resources Information System by the International Boundary and Water Commission through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Rio Grande and tributaries in Texas. 33 stations

FREQUENCY OF COLLECTION: Daily

UNITS OF MEASUREMENT: Cubic feet per second (CFS)

FREQUENCY OF UPDATE: Annually

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04011400 |
| PAGE: | 4.1.1400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY IBWC SEDIMENT LOAD

FILE DESCRIPTION:

The monthly suspended-sediment load data is an accumulation of the daily data. The unit of measurement is tons per month. This file is updated on an annual basis. Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the International Boundary and Water Commission through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Rio Grande Basin at 13 stations

FREQUENCY OF COLLECTION: Monthly

UNITS OF MEASUREMENT: Tons/month

FREQUENCY OF UPDATE: As available in IBWC Bulletion published annually

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04011500 |
| PAGE: | 4.1.1500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY IBWC RESERVOIR CONTENT

FILE DESCRIPTION:

This file consists of end-of-month reservoir contents, in acre-feet, at two reservoirs in Texas. These are the International Amistad Reservoir and International Falcon Reservoir. This file was created from the Daily IBWC Reservoir Contents file by extracting the last measurement each month for each reservoir. The file is complete for the period of record at each reservoir.

Primary file identifiers are station number and date. This data is furnished to the Texas Natural Resources Information System by the International Boundary and Water Commission through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Rio Grande

FREQUENCY OF COLLECTION: Monthly

UNITS OF MEASUREMENT: Acre-feet

FREQUENCY OF UPDATE: As available in IBWC Water Bulletins published annually

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

AUTOMATED SYSTEM NUMBER: WD-1000

B. SUBSURFACE

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04020100 |
| PAGE: | 4.2.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER-LEVEL MEASUREMENTS

FILE DESCRIPTION:

The Water-Level-Measurement file contains water-level data and other pertinent information for over 11,000 wells which are located throughout the State of Texas.

The period of record and the number of measurements per well varies; however, most wells have five or more measurements which reflect change in water-level conditions for five or more years. Measurements on the majority of these wells are taken annually; however, some wells are equipped with automatic recorders from which a continuous record of water-level changes is collected. An additional group of select wells are measured monthly or bi-monthly in areas of current ground-water studies. Approximately one-third the wells referenced above are not part of the current program and are no longer measured. Many of these discontinued well records contain 10 or more years of record.

Measurements are made in the water-level-observation wells by the TWDB, the USGS, and cooperating Ground-water Conservation Districts. (Continued next page)

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually (some more often)

DATA RETRIEVAL PUBLICATIONS: Water Well Measurement System User's Manual WD-0505-04

UNITS OF MEASUREMENT: Feet

AUTOMATED SYSTEM NUMBER: WD0500

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04020100 |
| PAGE: | 4.2.0100.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER-LEVEL MEASUREMENTS (Continued)

FILE DESCRIPTION:

This file contains both descriptive information about the well and water-well-measurement data pertaining to measurements made in the wells.

The file contains the following descriptive information:

- NUMERIC COUNTY CODE
- OLD WELL NUMBER
- STATE WELL NUMBER
- LATITUDE
- LONGITUDE
- WATERSHED CODE
- ELEVATION OF WELL
- COMPLETION INTERVAL
- AQUIFER CODE
- WELL DEPTH
- WELL CLASS
- ALPHA COUNTY CODE

Detailed information appearing on the File includes:

- NUMERIC COUNTY CODE
- STATE WELL NUMBER
- CURRENT OBSERVATION DATE (MMDDYY)
- MEASUREMENT COUNT
- MEASURED DEPTH
- MEASURING POINT
- CURRENT MEASUREMENT FROM LAND SURFACE DATUM AND FROM MEASURING POINT
- MEASURING AGENCY
- MEASURING METHOD
- MEASURING ACCURACY
- REMARKS
- WELL USE

Files are updated as often as measurements are recorded, which is usually annually but may be more often. Well-measurement data, which may date back to 1900 in some cases, is current for nearly all wells. Depths are measured in units of feet to hundredths. Primary file identifiers are county, well number, date, and status of well.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04020200 |
| PAGE: | 4.2.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: GROUND-WATER QUALITY DATA

FILE DESCRIPTION:

The Ground-Water Quality file contains water-quality data and other pertinent information for approximately 26,000 water wells in the State of Texas. Approximately 23,000 of these wells include less than three analyses. Data from this file is generally used to obtain an indication of the native ground-water quality of an aquifer or a portion of an aquifer and/or for comparison to recent quality analyses to detect contamination or pollution. Many of the analyses date back to the early 1940's.

A monitoring network of approximately 5,000 wells are sampled on a systematic basis, some on 1-year intervals, some on 3-year intervals and some on 5-year intervals. Data from these and other sampling efforts are added to the master file monthly. The network when completed will include approximately 7,500 wells located throughout the state.

This file contains both descriptive information about the well and water-quality data pertaining to samples taken from the wells. (Continued next page)

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: At pre-selected time intervals for certain wells in select aquifers.

DATA RETRIEVAL PUBLICATIONS: Ground Water Quality Retrieval System User Reference Manual WD-5105-02

UNITS OF MEASUREMENT: As applicable

AUTOMATED SYSTEM NUMBER: WD5100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04020200 |
| PAGE: | 4.2.0200.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: GROUND-WATER QUALITY DATA (Continued)

FILE DESCRIPTION:

Information appearing on the file includes:

| | | | |
|---|---|---|---|
| County Code (Numeric and Alphabetic) | Class Code | Remarks Code | Date Sampled |
| State Well Number | Well Use Code | Watershed | Temp. - F |
| Latitude (Degrees, Minutes, Seconds) | Aquifer Code | County Code | Temp. - C |
| Longitude (Degrees, Minutes, Seconds) | Well Depth | State Well No. | |

The following constituents in milligrams per liter:

| | | | | | | |
|---|---|---|---|---|---|---|
| Silica | Magnesium | Potassium | Boron | Bicarbonate | Chloride | Nitrate |
| Calcium | Sodium | Manganese | Carbonate | Sulfate | Fluoride | Iron |

and additionally: pH; Total Dissolved Solids; Phenolphthalein Alkalinity as $CaCo_3$; Total Hardness as $CaCo_3$; Percent (%) Sodium; Sodium Absorption Ration (SAR); Residual Sodium Carbonate (RSC); Specific Conductance (micromhos/$CM^3$). Primary file identifiers are county, date, class and aquifer code.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

## C. MAN'S ACTIVITIES

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030100 |
| PAGE: | 4.3.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER USE BY HYDROGRAPHIC UNIT

FILE DESCRIPTION:

This file contain observed or estimated monthly amounts of diverted surface water, return flows from surface water sources, and return flows from groundwater sources in the Sulphur, Cypress, and Sabine River Basins. In addition to the above activities, groundwater pumpage and spring flows in the Guadalupe, San Antonio, Nueces and Lavaca River Basins are included in the file. The amounts of water use and return flows are representative of man's influence on nature, excluding agriculture, and are represented by hydrographic unit in each river basin. Water use and return flow amounts are indicative of the activity in only that portion of a county geographically located in each hydrographic unit.

Primary file identifiers are river basin, county, and date.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Sulphur, Cypress, Sabine, San Antonio, Guadalupe, Nueces, & Lavaca River Basins

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: One-time

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Acre-feet - monthly

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030200 |
| PAGE: | 4.3.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAILY USGS RESERVOIR CONTENT

FILE DESCRIPTION:

This file consists of daily reservoir contents, in acre feet, recorded at USGS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Kansas and Louisiana. Data for approximately 50 reservoirs in Texas are included. This file provides reservoir content as published by the U. S. Geological Survey. The file is complete for the period of record at each reservoir, but all reservoir data do not have the same periods of record. The period of record is dependent on the date impoundment began. Station histories published by the USGS should be reviewed prior to requesting these data. Primary file identifiers are station number and date. This data is furnished for the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide at about 50 reservoir gages.

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Record is collected daily and published annually.

DATA RETRIEVAL PUBLICATIONS: Daily Data Retrieval System User Reference Manual WD-0105-00

UNITS OF MEASUREMENT: Acre-feet

AUTOMATED SYSTEM NUMBER: WD0100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030300 |
| PAGE: | 4.3.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MONTHLY USGS RESERVOIR CONTENT

FILE DESCRIPTION:

This file consists of end-of-month reservoir contents, recorded at USGS stations in several states including Texas, Arkansas, Oklahoma, New Mexico, Kansas and Louisiana. Data for approximately 50 reservoirs in Texas are included. This file was created from the Daily USGS Reservoir Contents file (04030200) by extracting the last measurement each month for each reservoir. The file is complete for the period of record at each reservoir, but all reservoir data do not have the same periods of record. The period of record is dependent on the date impoundment began. Station histories published by the USGS should be reviewed prior to requesting these data. Primary file identifiers are station number and date.

This data is furnished to the Texas Natural Resources Information System by the USGS through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide at about 50 reservoir gages.

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS: Monthly Data Retrieval System User Reference Manual WD-1010-00

UNITS OF MEASUREMENT: Acre-feet

AUTOMATED SYSTEM NUMBER: WD1000

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030400 |
| PAGE: | 4.3.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: IRRIGATION INVENTORY

FILE DESCRIPTION:

This file contains data on irrigated acreage and water use by source of water supply, additional potential irrigated acreage and previously irrigated acreage.

Data base is by county and basin - zone segments within counties. Data maybe retrieved by selected order of county - basin - zone or by basin - zone - county.

Data is from a cooperative inventory conducted by the USDA - Soil Conservation Service, Texas State Soil and Water Conservation Board and the Texas Water Development Board. Data is available for inventory years 1958, 1964, 1969 and 1974. The data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Entire State

FREQUENCY OF COLLECTION: Every 5 years

UNITS OF MEASUREMENT: Acre-feet

FREQUENCY OF UPDATE: Every 5 years

DATA RETRIEVAL PUBLICATIONS: Inventory of Texas Irrigation System 1958, 1964, 1969 User Reference Manual WD-2800

AUTOMATED SYSTEM NUMBER: WD2800

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030500 |
| PAGE: | 4.3.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MUNICIPAL RETURN FLOW

FILE DESCRIPTION:

This file contains data from reports submitted by Texas Water Quality Board District Offices concerning discharged water quality for selected domestic Waste Control Order (WCO) holders in the state. Reports are submitted as they are completed - not necessarily on a regular basis. Due to a lack of manpower, only a portion of all municipalities can be inspected during a given month. However, attempts are made to inspect each discharger at least once per year. Each Master File record contains the results of the six most recent inspections prior to January 1975 each of which is a subset of the following fields:

PERMIT #
PAGE #
PERMITTEE NAME
PLANT NAME
COUNTY
DISTRICT
BASIN
OWNERSHIP
POPULATION-CENSUS
POPULATION-EST. SERVED
POPULATION-EQUIV. BOD
SEWER TYPE
PURPOSE OF INSPECTION
FLOW
BOD
TSS
PH
FINAL CONDUCTIVITY
FINAL BOD
FINAL O-PO
FINAL $NH_3$-N
FINAL $NO_2$-N
TOTAL SUSP. SOLIDS
FECAL COLIFORM (Continued next page)

GEOGRAPHIC COVERAGE: All municipal WCO holders in state

FREQUENCY OF UPDATE: On demand

FREQUENCY OF COLLECTION: Varies

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Vary

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030500 |
| PAGE: | 4.3.0500.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: MUNICIPAL RETURN FLOW (Continued)

FILE DESCRIPTION:

DESIGN FLOW
DESIGN POPULATION
TREATMENT FACILITY
VOLATILE SUSP. SOLIDS
CHLORIDES SUSP. SOLIDS
COORDINATES
INSPECTION DATE

This data is furnished to the Texas Natural Resources Information System through the Texas Water Quality Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030600 |
| PAGE: | 4.3.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: INDUSTRIAL RETURN FLOW

FILE DESCRIPTION:

This file contains data from reports submitted by Texas Water Quality Board District Offices concerning discharged water quality for selected industrial Waste Control Order (WCO) holders in the state. Reports are submitted as they are completed - not necessarily on a regular basis. Due to a lack of manpower, only a portion of all industries can be inspected during a given month. However, attempts are made to inspect each discharger at least once per year. Each Master File record contains the results of the six most recent inspections prior to January 1975 each of which is a subset of the following fields:

Permittee Name
Permit Number
Page Number
Plant Name
County
District
Basin
SIC Code
Type Permit
Coordinates

Type Treatment as to:
Flow Measuring Device
Toxic Compounds
Neutralization
Bio-Oxidation
Chemical
Solid Seperation
Containment
Domestic Sewage
Deep Well Disposal
Inceneration

GEOGRAPHIC COVERAGE: All industrial WCO holders in state

FREQUENCY OF UPDATE: On demand

FREQUENCY OF COLLECTION: Varies

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030600 |
| PAGE: | 4.3.0600.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: INDUSTRIAL RETURN FLOW (Continued)

FILE DESCRIPTION:

File Description:
Raw Waste as to:

| | |
|---|---|
| Temperature | BOD |
| Conductivity | COD |
| Total Susp. Solids | |

Final Effluent as to:

| | |
|---|---|
| Date of Inspection | COD |
| Flow | DO |
| Conductivity | Temperature |
| Total Susp. Solids | Free or Floating Oil |
| Volatile Susp. Solids | Chlorides |
| Fixed Susp. Solids | Other specialized parameters |
| BOD | |

This data was furnished to the Texas Natural Resources Information System through the Texas Water Quality Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030700 |
| PAGE: | 4.3.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SELF REPORTING DATA (WATER QUALITY)

FILE DESCRIPTION:

This file contains data concerning reports submitted between June 1970 and May 1977 to the Texas Water Quality Board (TWQB) by discharge permit holders under (Board Order 69-1219-1). Such reports are normally submitted monthly; however, in some instances they may be sent quarterly or at some other specified interval. Certain non-standard reports submitted by a number of dischargers are not compatible with the master file record structure, and have not been entered in the file. However, the great majority of self-reports are available in the master file.

Records contain either an indication of "no discharge" during a specified quarter, or values of discharge sample measurements. Required parameters vary from discharger to discharger, and for standard reports will be a subset of the following master file fields:

WCO Number
"Page" or Outfall Number
Discharger Name
Total Suspended Solids
Volatile Suspended Solids
Chlorine Residual
(Continued next page)

GEOGRAPHIC COVERAGE: All WCO holders submitting standard reports

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Varies with discharge quantity and parameter

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Vary

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030700 |
| PAGE: | 4.3.0700.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: SELF REPORTING DATA (WATER QUALITY) (Continued)

FILE DESCRIPTION:

Biochemical Oxygen Demand
Quarter
Year
Month
Number Days Discharged
Number Days Bypassed
Flow
Relative Stability
Setteable Solids
$p^H$ Range
Total Residue
Chemical Oxygen Demand
Temperature

This data is furnished to the Texas Natural Resources Information System through the Texas Water Quality Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030800 |
| PAGE: | 4.3.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WASTE CONTROL ORDER DATA (WCO FILE)

FILE DESCRIPTION:

This file contains data selected from Waste Control Orders ("WCO's' or Permits") issued to waste-water dischargers throughout Texas by the Texas Water Quality Board. The WCO is the basic instrument by means of which the Texas Water Quality Board performs its regulatory functions.

The file is updated on the basis of reports (code sheets) prepared and submitted monthly by Permits Section of Hearings and Enforcement Division. Each file record contains basic discharger identification data, described below, plus effluent quality restrictions on certain parameters.

- WCO Number
- Page (Outfall) Number
- Name of Discharger
- Plant Name or Outfall
- Address (mailing)
- Type of WCO (i.e., Statutory, Regular, Amended, Interlocutory)
- Type of Ownership
- Type of Establishment
- Effective Date
- Basin
- Substream/Basin
- 1st Tributary, Substream/Basin
- 2nd Tributary, Substream/Basin
- 3rd Tributary, Substream/Basin
- River Miles up from Coastal Basin
- River Miles up Substream from Main River
- River Miles up 1st Tributary
- River Miles up 2nd Tributary
- River Miles up 3rd Tributary

(Continued next page)

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: As permits are issued

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Vary

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM



FILE NAME: WASTE CONTROL ORDER DATA (WCO FILE) (Continued)

FILE DESCRIPTION:

| | |
|---|---|
| WQB District | Special Geographical Area |
| County | Future Review Date |
| Zip Code | Special Provisions |
| Self-Reporting Status | Source of Wastewater |

This data is furnished to the Texas Natural Resources Information System through the Texas Water Quality Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030900 |
| PAGE: | 4.3.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: MUNICIPAL AND INDUSTRIAL WATER USE

FILE DESCRIPTION:

This file consists of municipal and industrial water use in counties and River Basins. The file contains total water use reported annually to the Texas Water Development Board. Reported annual county or basin self-supplied ground water pumpage totals are available beginning in 1955. Beginning in 1971, the file also contains reported annual county or basin totals regardless of source (s) of supply.

Data selections may be obtained annually for counties and for entire River Basins according to the geographic area in which the water was derived or the geographic area in which the water was used.

The following types of water use available for the county and River Basin summaries:

1. Self-supplied ground water
2. Purchased ground water
3. Self-supplied surface water
4. Purchased surface water
5. Saline water

(Continued next page)

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS: Municipal and Industrial Water Use System Reference Manual WD-1605-01

AUTOMATED SYSTEM NUMBER: WD1600

UNITS OF MEASUREMENT: Gallons or Acre-feet

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04030900 |
| PAGE: | 4.3.0900.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: MUNICIPAL AND INDUSTRIAL WATER USE (Continued)

FILE DESCRIPTION:

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031000 |
| PAGE: | 4.3.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER RIGHTS PERMIT MASTER FILE

FILE DESCRIPTION:

This file is composed of extracts of information from the water rights files. It contains authorized uses and amounts and brief location information. The Primary file identifiers are water right number and type.

This data is furnished to the Texas Natural Resources Information through the Texas Water Rights Commission.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: As needed

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Acre-feet

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031100 |
| PAGE: | 4.3.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER RIGHTS PERMIT ADDRESS FILE

FILE DESCRIPTION:

The name and address of the owners of all active water rights are contained on this file. Primary file identifiers are water right number and type.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Rights Commission

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: As needed

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031200 |
| PAGE: | 4.3.1200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER USE FILE

FILE DESCRIPTION:

This file contains the reported surface water use for Texas divertors of record. Data are collected from annual water use reports as submitted by the water users. Data users should be advised to use data with caution, as the accuracy of the reported figures varies from quite accurate to completely inaccurate. Texas Water Rights Commission has verified or corrected only a small portion of the data in this water use file. Primary file identifiers are water right number and type.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Rights Commission.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Annually (major)
As needed (minor)

FREQUENCY OF COLLECTION: Yearly and/or monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Acre-feet

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031300 |
| PAGE: | 4.3.1300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: CERTIFIED WATER OR WASTEWATER OPERATOR FILE

FILE DESCRIPTION:

Includes list of certified operators by name (alphabetical) and by social security number and also types and grades of certificates held by them.

This data is furnished to the Texas Natural Resources Information System through the Texas State Department of Health Resources.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Random

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031500 |
| PAGE: | 4.3.1500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DAM INVENTORY

FILE DESCRIPTION:

This file contains data on dams and reservoirs in Texas. Information about location, volumes, owner, regulating agencies, uses, power capacities, and other information about dams and their reservoirs are included in the file.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Rights Commission.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Periodic

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: feet, CFS, acre-feet mega-watts

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031600 |
| PAGE: | 4.3.1600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SEWAGE TREATMENT PLANT INVENTORY

FILE DESCRIPTION:

Lists hardware components contained in waste water treatment plants for sanitary treatment in Texas. This data is furnished to the Texas Natural Resources Information System through the State Department of Health Resources.

GEOGRAPHIC COVERAGE: All of Texas

FREQUENCY OF UPDATE: Various

FREQUENCY OF COLLECTION: Various

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT:

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031700 |
| PAGE: | 4.3.1700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: WATER OR WASTEWATER OPERATOR DATA

FILE DESCRIPTION:

Certified water and waste-water works operator file for all of Texas. This data is furnished to the Texas Natural Resources Information System through the State Department of Health Resources.

GEOGRAPHIC COVERAGE: All of Texas

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Random

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 04031800 |
| PAGE: | 4.3.1800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - WATER UTILITIES INFORMATION

FILE DESCRIPTION:

The Community Profile - Water Utilities Information file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05010100 |
| PAGE: | 5.1.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SOIL SUMMARY MASTER FILE

FILE DESCRIPTION:

This file contains basic soil data by county for all counties in the state of Texas. Source of the data is the Soil Conservation Service of the U. S. Department of Agriculture. All data on the file was compiled in 1966.

Included on the file are the following parameters, by county:

- County
- Land Resource Area
- Soil Group
- Land Use
- Slope Class
- Soil Type
- Erosion
- Land Capacity Unit
- Standard Point Value Acres

Primary file identifier is county.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide, all counties

FREQUENCY OF UPDATE: Not updated at present

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS: Soil Summary System User Reference Manual WD-2305-01

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: WD2300

# V. GEOLOGIC AND LAND RESOURCES

A. SURFACE

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05010200 |
| PAGE: | 5.1.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: CORPUS CHRISTI AREA RESOURCE CAPABILITY UNITS

FILE DESCRIPTION:

1. Digitized resource capability units.
2. Digitized land use.
3. Weighted means and standard deviations for engineering properties (see attached table) of resource capability units in increments of 5 feet for surface to -50 feet for about 2000 test borings.
4. Water levels, water quality and sediment type for all available well data for Coastal Bend COG.

This data is furnished to the Texas Natural Resources Information System through the Bureau of Economic Geology.

GEOGRAPHIC COVERAGE: Nueces, San Patricio, Refugio and Aransas Counties

FREQUENCY OF UPDATE: Infrequent Additions

FREQUENCY OF COLLECTION: Once/Area

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Same as engineering properties UTM Grid Location

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05010300 |
| PAGE: | 5.1.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: FRACTURE MAPPING

FILE DESCRIPTION:

Digitized end points of lineations representative or surgical fracture zones interpreted from 1:24,000 controlled aerial photograph mosaics. Arbitrary x, y 0,0 at SW corner of each of 400 quadrangles.

Photographs purchased from Tobin Aerial Photo Service. Interpretations by Bureau of Economic Geology.

This data is furnished to the Texas Natural Resources Information System through the Bureau of Economic Geology.

GEOGRAPHIC COVERAGE: So. Edwards Plateau

FREQUENCY OF UPDATE: None

FREQUENCY OF COLLECTION: Once

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: 1:24,000 Scale

AUTOMATED SYSTEM NUMBER: DB0600

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05010400 |
| PAGE: | 5.1.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OPEN PITS IN TEXAS

FILE DESCRIPTION:

1. Surface mines, quarries, excavations, burrow pits: location dimensions, commodity and reclamation status
2. 50,000 pits
3. Expect UTM - presently county number and pit number

This data is furnished to the Texas Natural Resources Information System through the Bureau of Economic Geology.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Infrequent Update

FREQUENCY OF COLLECTION: Once

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Acreas/Tonnage

AUTOMATED SYSTEM NUMBER:

B. SUBSURFACE

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020100 |
| PAGE: | 5.2.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ANNUAL OIL PRODUCTION

FILE DESCRIPTION:

This file contains annual oil production figures for fifty-six (56) counties in the High Plains Region of Texas, for the period 1960-1969. Figures are totaled by oil fields within each county. The basic data from which these figures were derived was provided by the Texas Railroad Commission.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: High Plains Regior
56 counties

FREQUENCY OF COLLECTION: Annual

UNITS OF MEASUREMENT: Barrels/Gallons

FREQUENCY OF UPDATE: Not updated

DATA RETRIEVAL PUBLICATIONS:

AUTOMATED SYSTEM NUMBER: WD3100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020200 |
| PAGE: | 5.2.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ANNUAL NATURAL GAS PRODUCTION

FILE DESCRIPTION:

This file contains annual natural gas production figures for fifty-six (56) counties in the High Plains Region of Texas, for the period 1960-1969. Figures are totaled by Oil Field within each county. This basic data from which these figures were derived was provided by the Texas Railroad Commission.

The data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: High Plains Region, 56 counties

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Millions of cubic feet

AUTOMATED SYSTEM NUMBER: WD3100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020300 |
| PAGE: | 5.2.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ANNUAL WATER INJECTION IN SECONDARY RECOVERY

FILE DESCRIPTION:

This file contains annual figures on total amount of water injected in secondary recovery efforts for fifty-six (56) counties in the High Plains Region of Texas, for the period 1960-1969. Figures are totaled by oil field within each county. The basic data from which these figures were derived was provided by the Texas Railroad Commission.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: High Plains Region
56 counties

FREQUENCY OF UPDATE: Not updated

FREQUENCY CF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels, gallons

AUTOMATED SYSTEM NUMBER: WD3100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020400 |
| PAGE: | 5.2.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: CUMULATIVE OIL AND GAS PRODUCTION TOTALS

FILE DESCRIPTION:

This file contains cumulative annual totals for oil and gas production and water injected in recovery efforts, for fifty-six (56) counties in the High Plains Region of Texas for the period 1960-1969. Figures are totaled by oil and gas field within each county. The basic data from which these figures were derived was provided by the Texas Railroad Commission.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: High Plains Region
56 counties

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Thousands of barrels, MCFM

AUTOMATED SYSTEM NUMBER: WD3100

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020500 |
| PAGE: | 5.2.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: CORELABS SUBSURFACE SALINE WATER SURVEY

FILE DESCRIPTION:

This file contains information resulting from a survey of the subsurface saline water of Texas conducted by the Texas Water Development Board in co-operation with Core Laboratories of Dallas. The data was originally compiled by oil companies in the form of electric log tests conducted at various oil well sites since 1900. Two types of records are kept on the file. One type of record contains information on the size and location of underground water-bearing formations. The second type of record contains various water quality samples collected within these water-bearing formations. The water quality parameters are collected in order to determine salinity levels of subsurface water. Primary file identifiers are county and well identification number.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: Random

DATA RETRIEVAL PUBLICATIONS: Report 157 (7 volumes)

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020600 |
| PAGE: | 5.2.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OIL PRODUCTION AND ALLOWABLE MASTER

FILE DESCRIPTION:

A tape file including information relating to Oil Fields, Oil Leases, Oil Multi-Wells, and Oil Wells. Primary information contained pertains to oil production and allowables.

This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Daily

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05020700 |
| PAGE: | 5.2.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: GAS PRODUCTION AND ALLOWABLE MASTER

FILE DESCRIPTION:

A tape file including information relating to Gas Fields, and Gas Wells. Primary information contained pertains to Gas Production and Allowables.

This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Daily

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Millions of cubic feet

AUTOMATED SYSTEM NUMBER:

C. MAN'S ACTIVITIES

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030100 |
| PAGE: | 5.3.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: LAND CLASSIFICATION MASTER FILE

FILE DESCRIPTION:

Legal description (county, survey, township, block, section, part of section, acres, abstract number and certificate number) of land disposed of by the Permanent Free School Fund by sale, etc. Also, included is the classification placed on the land by competent authority at time of sale such as mineral and grazing (M-G), dry agriculture (DA), mineral and timber (M&T), etc.

This file has been established, but all data has not been verified. This data is furnished to the Texas Natural Resources Information System through the General Land Office.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Annual

FREQUENCY OF COLLECTION: Annual

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030200 |
| PAGE: | 5.3.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SUBMERGED LEASE DATA FILE

FILE DESCRIPTION:

This file is maintained as a service to subscribers for an annual fee paid for same. Monthly supplements are published reflecting all file changes and after each School Land Board lease sale a new book is published as updated to time of printing.

The file includes the name(s) of lessees, legal description (county, area, tract number and acres) of each tract under mineral lease, date of lease and the bonus consideration paid. Each tract is coded as to its status producing, unitized, shut-in, etc.

This data is furnished to the Texas Natural Resources Information System through the General Land Office.

GEOGRAPHIC COVERAGE: Bays, rivers, creeks, bayous, Gulf of Mexico, etc.

FREQUENCY OF UPDATE:

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030300 |
| PAGE: | 5.3.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: STATE LAND LEASE MASTER FILE

FILE DESCRIPTION:

Legal description (county, survey, township, block, section, part of section and acres of uplands; and river, creek, bayou, lake, island, bay or Gulf of Mexico, name, tract number and acres for "submerged" areas), date of lease, primary term of the lease, bonus consideration paid, annual rental, status of lease (shut-in, producing, etc.) and State lease number assigned.

Includes all currently active leases on School Land, University Land and other State agency land throughout Texas.

This file includes basically oil and gas leases, however other minerals are included. This data is furnished to the Texas Natural Resources Information System through the General Land Office.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 05030400 |
| PAGE: | 5.3.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: PERMANENT FREE SCHOOL FUND LAND MASTER FILE

FILE DESCRIPTION:

This file contains a legal description (county, survey, block, section, part of section and acres) account holder, address of name and accounting data as to principal balance, interest balance, interest rate, etc. of Permanent Free School Fund lands sold and on which a balance of consideration is due.

This data is furnished to the Texas Natural Resources Information System through the General Land Office.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Weekly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

189

AUTOMATED SYSTEM NUMBER:

TWDBS-ISS-267

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030500 |
| PAGE: | 5.3.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: VETERAN'S LAND MASTER FILE

FILE DESCRIPTION:

The file contains all accounts with outstanding principal due the Veteran's Land Board on rural lands purchased by the Board and resold to a veteran on a Contract of Sale requiring semiannual payments over a period not to exceed 40 years.

Contents are a brief legal description, name, address, interest rate, birth-date, accounting and billing data.

This data is furnished to the Texas Natural Resources Information System through the General Land Office.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Weekly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030600 |
| PAGE: | 5.3.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: VETERAN'S LAND STATISTICAL FILE

FILE DESCRIPTION:

A historical file of each tract of land (rural) purchased by the Veteran's Land Board. Land has been purchased statewide (over 45,000 tracts). Data includes county, acres, original cost, interest rate, purchase date, installment amounts, birth date of purchaser, transfer data when account has changed ownership, and brief legal description of land.

This data is furnished to the Texas Natural Resources Information Syster through the General Land Office

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Weekly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030700 |
| PAGE: | 5.3.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: UNSOLD SCHOOL LAND FILE

FILE DESCRIPTION:

Legal description (county, survey, township, block, section and acres) of lands dedicated to the Permanent Free School Fund and having fee simple title to same. Total acres covered is just under 900,000.

This data is furnished to the Texas Natural Resources Information System through the General Land Office.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030800 |
| PAGE: | 5.3.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SECONDARY RECOVERY - MASTER

FILE DESCRIPTION:

This file contains data relating to the injection of fluids into productive zones since 1968 and contains the permits to allow injection from 1971.

This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05030900 |
| PAGE: | 5.3.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SECONDARY RECOVERY - LEASE FILE

FILE DESCRIPTION:

This file contains lease name, field name, operator and status of all leases involved in a Secondary Recovery Project. This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031000 |
| PAGE: | 5.3.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SECONDARY RECOVERY - FLUIDS

FILE DESCRIPTION:

The Fluid File contains the amount of fluid injected by type of fluid. Also the period when the injection occured. This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031100 |
| PAGE: | 5.3.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SECONDARY RECOVERY - INJECTION

FILE DESCRIPTION:

This file contains production and injection information relating to one specific type of injection. This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031200 |
| PAGE: | 5.3.1200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: SECONDARY RECOVERY - YEAR FILE

FILE DESCRIPTION:

This file contains the total production and injection by Operator for all projects in the Master File. This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031300 |
| PAGE: | 5.3.1300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: LIQUID SPILLAGE

FILE DESCRIPTION:

A disk file containing information derived from the liquid spillage reports. This data is furnished to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: Texas

FREQUENCY OF UPDATE: Weekly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031400 |
| PAGE: | 5.3.1400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ANNUAL WATER INJECTION FOR SECONDARY RECOVERY

FILE DESCRIPTION:

This file contains annual figures on total amount of water injected in secondary recovery efforts for fifty-six (56) counties in the High Plains Region of Texas, for the period 1960-1969. Figures are totaled by oil field within each county. This file is provided to the Texas Natural Resources Information System through the Texas Railroad Commission.

GEOGRAPHIC COVERAGE: High Plains Region
56 counties

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Barrels, gallons

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031500 |
| PAGE: | 5.3.1500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - ZONING ORDINANCES

FILE DESCRIPTION:

The Community Profile - Zoning Ordinances file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031600 |
| PAGE: | 5.3.1600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - AGRICULTURAL LAND USE

FILE DESCRIPTION:

The County Profile - Agricultural Land Use file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031700 |
| PAGE: | 5.3.1700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: STATE-OWNED PARKLANDS

FILE DESCRIPTION:

Automated Property System contains a master record for each State Park. Identification is by a six-position inventory number. Data available on Park lands is as follows:

1. Description of Property (33 position field)
2. Value of property at cost for purchases or estimated value for gifts

This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Monthly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: None

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 05031800 |
| PAGE: | 5.3.1800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - WATER UTILITIES INFORMATION

FILE DESCRIPTION:

The Community Profile - Water Utilities Information file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# VI. SOCIO-ECONOMIC RESOURCES

A. SOCIAL

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010100 |
| PAGE: | 6.1.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 1970 CENSUS OF POPULATION AND HOUSING - FIRST COUNT SUMMARY

FILE DESCRIPTION:

The First Count Summary tape consists of a complete count of such data as population by age, marital status, race and sex for various sized areas. Housing facilities used by these people, and rent and/on house payments paid by families. This data is available from tape for block groups, enumeration districts, states, counties, minor civil divisions or census county divisions, places and congressional districts.

A complete listing of the information available can be found in the 1970 Census User's Guide, Part II. This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

TNRIS Systems Central is an officially designated Summary Tape Processing Center of the Bureau of the Census.

GEOGRAPHIC COVERAGE: State of Texas, various sub-divisions

FREQUENCY OF UPDATE: Ten Years

FREQUENCY OF COLLECTION: One-time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: DB0800

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 060102C0 |
| PAGE: | 6.1.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 1970 CENSUS OF POPULATION AND HOUSING - SECOND COUNT SUMMARY

FILE DESCRIPTION:

The Second Count Summary tape consists of a complete count of data used to prepare tables for the Census of Population, Volume I, Chapter B; Census of Housing, Volume I, Chapter A and the Census Tract Reports. This tape gives very detailed population and housing characteristics for States, urban components of the state, rural components of the state, SMSA'S, counties and other geographical and governmental areas. The tape contains more data items or census tracts and other small areas reported then are found in printed reports.

A detailed description of the information found on this tape can be found in the 1970 Census User's Guide, Part II.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

TNRIS Systems Central is an officially designated Summary Tape Processing Center of the Bureau of the Census.

GEOGRAPHIC COVERAGE: State of Texas, various sub-divisions

FREQUENCY OF UPDATE: Ten Years

FREQUENCY OF COLLECTION: One-time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: DB0800

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010300 |
| PAGE: | 6.1.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 1970 CENSUS OF POPULATION AND HOUSING - THIRD COUNT SUMMARY

FILE DESCRIPTION:

The Third Count Summary tape consists of a complete count file used to prepare tables for the Census of Housing, Volume II, Block Statistics; however, much more data is available on the tape then is published. The data includes detailed statistics on population and housing for census blocks.

A detailed description of the information found on this tape can be found in the 1970 Census User's Guide, Part II.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

TNRIS Systems Central is an officially designated Summary Tape Processing Center of the Bureau of the Census.

GEOGRAPHIC COVERAGE: State of Texas, various sub-divisions

FREQUENCY OF UPDATE: Ten Years

FREQUENCY OF COLLECTION: One-time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: DB0800

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010400 |
| PAGE: | 6.1.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 1970 CENSUS OF POPULATION AND HOUSING - FOURTH COUNT SUMMARY

FILE DESCRIPTION:

The Fourth Count Summary tape consists of a sample file used to prepare tables for Census of Population, Volume I, Chapter C, and the "Census Tract Reports". This tape provides both complete - count data on population, income, and housing together with sample data on such subjects as country of origin, mother tongue, and state of both. This data is available for states, SMSA's and component areas, counties, minor civil divisions, places and tracts.

A complete list of information available from this tape can be found in the 1970 Census User's Guide, Part II.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

TNRIS Systems Central is an officially designated Summary Tape Processing Center of the Bureau of the Census.

GEOGRAPHIC COVERAGE: State of Texas, various sub-divisions

FREQUENCY OF UPDATE: Ten Years

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: DB0800

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010500 |
| PAGE: | 6.1.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: 1970 CENSUS OF POPULATION AND HOUSING - FIFTH COUNT SUMMARY

FILE DESCRIPTION:

The Fifth Count Summary tape consists of a sample file aggregated to zip code areas. Information is provided for 3-digit areas nation-wide and 5-digit areas for SMSA's. Information is also provided for states, congressional districts, counties, minor civil divisions, block groups, and enumeration districts. Types of information include population by age, race and sex, types of housing, incomes of families, and other items collected on the 5% and 15% samples.

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

TNRIS Systems Central is an officially designated Summary Tape Processing Center of the Bureau of the Census.

GEOGRAPHIC COVERAGE: State of Texas, various sub-divisions

FREQUENCY OF UPDATE: Ten Years

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010600 |
| PAGE: | 6.1.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OBERS COUNTY POPULATION AND LAND AREA

FILE DESCRIPTION:

This file contains information on population, size in square miles, and population per square mile for every county and standard metropolitan statistical area in the United States. This information was compiled by the Bureau of Economic Analysis. Each county is identified by numeric codes representing county, state, and economic area, and Standard Metropolitan Statistical Area (if applicable). This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Nationwide, all counties and SMSA's

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010700 |
| PAGE: | 6.1.0700.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: AUTOMATIC TRAFFIC RECORDER VOLUMES

FILE DESCRIPTION:

This file consists of hourly traffic volumes recorded at 158 locations on the Texas Highway System. The operation is continuous. Some locations have been counted since 1937. The data is automatically recorded on paper tape as counter readings, then it is converted by computer to hourly volumes.

The file identifiers are station number, direction and lane. This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: Texas Highway System

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Hourly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Vehicles/Hour

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010800 |
| PAGE: | 6.1.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: HIGHWAY SPEED SURVEY

FILE DESCRIPTION:

The Highway Speed Survey file contains summarized records of vehicles by type and speeds recorded for 30 representative locations on the state highway system. Primary file identifiers are station number and time. This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: Statewide, 30 stations

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Vehicle types by speed

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06010900 |
| PAGE: | 6.1.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: URBAN ORIGIN-DESTINATION SURVEY

FILE DESCRIPTION:

This file contains origin-destination data obtained from a survey of each of the 23 urban areas in the state. These surveys were authorized by the 1962 Federal Highway Act and were conducted from 1962-1970 by the Texas Highway Department in cooperation with the Department of Transportation, Federal Highway Administration. Primary file identifiers are urban area (normally 1-urban area per physical volume) and card type.

Below is a list of parameters stored in the file:

- Identifier, Card Type
- Location
- Sample Location
- Length of Residence
- Auto Ownership
- Licensed Drivers
- Trips Made
- Sample Expansion Factor
- Trip Origin
- Trip Destination
- Trip Time
- Trip Purpose
- Land Use at Origin
- Land Use at Destination

This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: Statewide; 23 Urban Areas

FREQUENCY OF UPDATE: Reviewed every 5 years; updated as needed

FREQUENCY OF COLLECTION: One time only

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06011000 |
| PAGE: | 6.1.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: HIGHWAY TRAFFIC LOG

FILE DESCRIPTION:

This file contains annual daily traffic for the state maintained Highway Network, (current year and past years) and design year data. The Annual Average Daily Traffic is updated on an annual basis, new routes are added to this file on a monthly basis. New design data are calculated once each year. This file is part of a coordinated data system. The common data base reference includes District, County, Control, Section and Beginning Milepoint. Below is a summary of parameters stored in the file:

- Location
- Length of Segment
- Current Annual Average Daily Traffic
- Historical Annual Average Daily Traffic
- Design Year
- Estimated Design Year AADT
- Percent Trucks
- Directional Distribution
- Wheel Load Data
- Design Hour Factor
- Functional Classification

This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: State Highway Network

FREQUENCY OF UPDATE: Annual Traffic Update

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06011100 |
| PAGE: | 6.1.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: BOAT REGISTRATION MASTER

FILE DESCRIPTION:

The Boat Registration Master file contains various information concerning physical description and ownership of all boats in the State of Texas which meet or exceed the legal requirements for registration. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: State of Texas

FREQUENCY OF UPDATE: Daily

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06011200 |
| PAGE: | 6.1.1200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: PUBLIC HUNTS - DRAWN MASTER

FILE DESCRIPTION:

This file contains the Social Security Numbers (etc.) of successful (drawn) applicants for the public hunts held on certain Wildlife Management Areas. Drawn Master Files are created for deer, quail, turkey, javelina, and bow hunts. This file is used to check current gear applications for being "drawn last year" (error condition), since applicants cannot legally be drawn two years in succession except under certain conditions.

Fields include current date, hunt area, Social Security Number and age of the applicant, and Social Security Number of person submitting the application card. This data is furnished to the Texas Natural Resources Information System through the Texas Parks and Wildlife Department.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Yearly

FREQUENCY OF COLLECTION: Yearly

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06011300 |
| PAGE: | 6.1.13000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - POPULATION AND EDUCATION

FILE DESCRIPTION:

The Community Profile - Population and Education file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06011400 |
| PAGE: | 6.1.1400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - POPULATION

FILE DESCRIPTION:

The County Profile - Population file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

B. ECONOMIC

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06020100 |
| PAGE: | 6.2.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY AND SMSA EARNINGS AND INCOME

FILE DESCRIPTION:

This file consists of earnings and income data recorded for the state of Texas, all 254 counties and 23 Standard Metropolitan Statistical Areas (SMSA). Data is available for the years 1929, 1940, 1950, 1959, and 1965 - 1971. This file, along with annual updates, is supplied by the Bureau of Economic Analysis, formerly the Office of Business Economics. Primary file identifiers are county, SMSA and year.

Data is available for the following categories:

- Total Personal Income
  - Total Wage and Salary Disbursement
  - Other Labor Income
  - Proprietors Income
    - Farm Proprietors Income
    - Nonfarm Proprietors Income
  - Property Income
  - Transfer Payments
  - Personal Contributions
- Total Earnings
  - Farm Earnings
  - Total Nonfarm Earnings
- Government Earnings
  - Total Federal
    - Federal Civilian
    - Military
  - State and Local
- Private Non-Farm Earnings
  - Manufacturing
  - Mining
  - Contract Construction
  - Transportation, Communication, and Public Utilities
  - Wholesale and Retail Trade
  - Finance, Insurance, and Real Estate (Please see next page)

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS: County Economic Data System: Personal Income and Earnings WD-2705-01

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER: WD2700

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 06020100 |
| PAGE: | 6.2.0100.2 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY AND SMSA EARNINGS AND INCOME (Continued)

FILE DESCRIPTION:

Private Non-Farm Earnings
Services
Others

Under all the above categories, data is listed in the following formats:

Thousands of Dollars
Percent Change from Previous Year
Percent of U. S.
Percent of Total Personal Income
Percent of Total Earnings
Percent of Nonfarm Earnings
Location Quotient for Total Earnings
Location Quotient for Nonfarm Earnings

This data is furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 06020200 |
| PAGE: | 6.2.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: DUN AND BRADSTREET

FILE DESCRIPTION:

This file contains an extensive amount of descriptive information compiled on all Texas business firms rated by Dun and Bradstreet. Information on the file includes such things as name and address of the firm, telephone number, line of business, principal officer, year started, credit rating, and various indicators of the size of the business such as total sales and number of employees. Primary file identifiers are county, city, number of employees, and SIC.

This data is provided to the Texas Natural Resources Information System through the Texas Industrial Commission, Texas Water Development Board, Texas Air Control Board, Governor's Office and Texas Rehabilitation Commission.

GEOGRAPHIC COVERAGE: All businesses in Texas rated by Dun & Bradstreet

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS: Dun and Bradstreet Sales and Employment Reporting System WD-2600-00

AUTOMATED SYSTEM NUMBER: WD260C

UNITS OF MEASUREMENT: Various

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 06020300 |
| PAGE: | 6.2.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OBERS WATER RESOURCES REGIONS

FILE DESCRIPTION:

This file contains historical data on and projections of economic activity for the United States, its 20 water resources regions, and its 205 sub-areas by selected intervals from 1950 to 2020. Included are data on population, personal income, total employment, earnings by 28 industry groups, indexes of production for 21 commodity producing industries, the value of crop and livestock production, and the amount of roundwood production. This data represents a major output of a program of economic measurement, analysis, and projection conducted by the Bureau of Economic Analysis, U. S. Department of Commerce and the Economic Research Service, U. S. Department of Agriculture with assistance from the Forest Service. The work has been pursued under a cooperative agreement with the Water Resources Council. Primary file identifiers are water resources region and date.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Nationwide by Water Resources Region

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS: OBERS Projections Vols. 1,3, & 4

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 06020400 |
| PAGE: | 6.2.0400.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OBERS ECONOMIC AREAS

FILE DESCRIPTION:

This file contains historical data on and projections of economic activity for the United States and its 173 functional economic areas by selected intervals from 1950 to 2020. Included are data on population, personal income, employment earnings of persons and output, with the last three items broken down into 37 industry groups. This data represents a major output of a program of economic measurement, analysis, and projection conducted by the Bureau of Economic Analysis (BEA), U. S. Department of Commerce and the Economic Research Service (ERS), U. S. Department of Agriculture with assistance from the Forest Service. The work has been pursued under a cooperative agreement with the Water Resources Council. Primary file identifiers are economic area and date.

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Nationwide by BEA Economic Area

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS: OBERS Projections Vols. 1 & 2

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06020500 |
| PAGE: | 6.2.0500.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: OBERS COUNTY POPULATION AND LAND AREA

FILE DESCRIPTION:

This file contains information on population, size in square miles, and population per square mile for every county and standard metropolitan statistical area in the United States. This information was compiled by the Bureau of Economic Analysis. Each county is identified by numeric codes representing county, state, and economic area, and Standard Metropolitan Statistical Area (if applicable).

This data was furnished to the Texas Natural Resources Information System through the Texas Water Development Board.

GEOGRAPHIC COVERAGE: Nationwide, all counties and SMSA's

FREQUENCY OF UPDATE: Not updated

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 06020600 |
| PAGE: | 6.2.0600.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: HIGHWAY BRIDGE LOG

FILE DESCRIPTION:

This file is composed of descriptive records of each bridge on the state highway system. The records are coded from bridge construction plans and project cost folders.

This file is part of a coordinated data system. The common data base reference includes District, County, Control, Section, and Milepoint. To identify an individual record Job Number, Bridge Number and Card Number must be included in the key. This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: State Highway System

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| FILE NUMBER: 06020700 |
| --- |
| PAGE: 6.2.0700.1 |
| DATE: AUGUST, 1977 |

FILE NAME: STRUCTURE INVENTORY AND APPRAISAL FILE

FILE DESCRIPTION:

This file contains descriptive records including appraisal, condition, and proposed improvement data of bridges on the state highway system. The data comes from Bridge Construction plans and Field Inspections. Field appraisals are made on even numbered years. Individual records can be identified by County, Control, Section and Structure Number.

This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: State Highway System

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

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|---|---|
| FILE NUMBER: | 06020800 |
| PAGE: | 6.2.0800.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ROAD LIFE DATA

FILE DESCRIPTION:

This file consists of records describing kind of work, cross sections, cost, and other information, of all work completed on the state highway system. The records are coded from roadway construction plans, and project cost folders.

To identify an individual record a key of District, County, Control, Section, Job Number, and Card Number must be used. This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: State Highway System

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06020900 |
| PAGE: | 6.2.0900.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ROADWAY CHARACTERISTICS, STATE HIGHWAY SYSTEM

FILE DESCRIPTION:

This file contains roadway characteristics such as surface width, roadway width, surface type, number of lanes, mileage to 1/1000 mile accuracy, etc., for the entire state maintained highway network.

Some data items are in code form, therefore, the coding index would be necessary for some processing applications. This file is part of a coordinated data system. The reference key to the common data base includes District, County, Control, Section and Beginning Milepoint.

This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: State Highway System

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06021000 |
| PAGE: | 6.2.1000.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: ROADWAY CHARACTERISTICS, COUNTY SYSTEM

FILE DESCRIPTION:

This file contains roadway information about the county road system such as surface type, surface width, roadbed width, base type and mileage to 1/100 mile accuracy.

This file is updated on a monthly basis, however, a complete field inventory is done on about a three to five year cycle.

Primary file identifiers are county, road number, and beginning milepoint. This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: County Road System (Entire State)

FREQUENCY OF UPDATE: Monthly

FREQUENCY OF COLLECTION: Daily

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06021100 |
| PAGE: | 6.2.1100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: RAIL-HIGHWAY GRADE CROSSINGS

FILE DESCRIPTION:

This file contains information about railroad-highway grade crossings.

Data is collected by field inventory and reports of changes from railroad companies and highway district offices.

Primary field identifiers are District, County, Control, Section, Milepoint and Crossing Number.

Below is a summary of the parameters stored in the file.

- Location
- Railroad Name
- Railroad Milepoint
- Highway System
- Highway Number
- Crossing Material
- Protection Type
- Number Tracks
- Number Trains and Speed
- Priority Index

This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: State Highway System

FREQUENCY OF UPDATE: Quarterly

FREQUENCY OF COLLECTION: Continuous Update

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06021120 |
| PAGE: | 6.2.1120.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - BUSINESS STATISTICS

FILE DESCRIPTION:

The Community Profile - Business Statistics file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifier

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06021130 |
| PAGE: | 6.2.1130.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - PERSONAL INCOME AND EARNINGS

FILE DESCRIPTION:

The County Profile - Personal Income and Earnings file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

C. COMMERCE

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06030100 |
| PAGE: | 6.3.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: TRUCK WEIGHT DATA

FILE DESCRIPTION:

This file consists of truck weights, axle spacings, body type, license, fuel type, and commodity carried by vehicle type gathered at several locations on the state highway system.

File identifier is 'Station Identification'. This data is furnished to the Texas Natural Resources Information System through the State Department of Highways and Public Transportation.

GEOGRAPHIC COVERAGE: Texas Highway System

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06030200 |
| PAGE: | 6.3.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - BUSINESS STATISTICS

FILE DESCRIPTION:

The Community Profile - Business Statistics file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifier is community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06030300 |
| PAGE: | 6.3.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - BUSINESS STATISTICS

FILE DESCRIPTION:

The County Profile - Business Statistics file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

## D. GOVERNMENT

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06040100 |
| PAGE: | 6.4.0100.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: STATE WATER DISTRICT MASTER

FILE DESCRIPTION:

Selected information concerning water districts is contained on this file. Data includes names and addresses, bond issues, area, latest audit date and information required by Section 50.302, Texas Water Code. The primary identifier is an alpha code. This data is furnished to the Texas Natural Resources Information System through the Texas Water Rights Commission.

GEOGRAPHIC COVERAGE: Statewide

FREQUENCY OF UPDATE: As needed

FREQUENCY OF COLLECTION: One time

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Dollars, acres and percent

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06040200 |
| PAGE: | 6.4.0200.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COMMUNITY PROFILE - CITY GOVERNMENT INFORMATION

FILE DESCRIPTION:

The Community Profile - City Government Information file contains descriptive information on 533 cities, towns, and communities across the State. Over 1160 factors are available for each community in the file, except where the community has not released the data. Data is collected by the Texas Industrial Commission on all communities in Texas that agree to release the data to the TIC, so any size community may be found on the file. Factors fall into categories such as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifier is community factor.

GEOGRAPHIC COVERAGE: Statewide, 533 communities

FREQUENCY OF UPDATE: Annually

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for other

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# TEXAS NATURAL RESOURCES INFORMATION SYSTEM

| | |
|---|---|
| FILE NUMBER: | 06040300 |
| PAGE: | 6.4.0300.1 |
| DATE: | AUGUST, 1977 |

FILE NAME: COUNTY PROFILE - COUNTY GOVERNMENT INFORMATION

FILE DESCRIPTION:

The County Profile - County Government Information file contains descriptive information on all 254 counties in Texas. Over 1050 factors are available for each county in the file. Data is collected by the Texas Industrial Commission. Factors fall into such categories as:

- Geographic Location
- Climatological Data
- Population Data
- Income Data
- Employment Data
- Transportation Facilities
- Local Government
- Schools
- Housing
- Utilities
- Medical Services

Data on these and many more categories are available. Primary file identifiers are county and factor.

GEOGRAPHIC COVERAGE: Statewide, all 254 counties

FREQUENCY OF UPDATE:

FREQUENCY OF COLLECTION: Annually for some data, every 10 years for some

DATA RETRIEVAL PUBLICATIONS:

UNITS OF MEASUREMENT: Various

AUTOMATED SYSTEM NUMBER:

# APPENDIX A

## SUMMARY OF TNRIS FILES AND RELATED CAPABILITIES

APPENDIX A

SUMMARY OF TNRIS FILES AND RELATED CAPABILITIES

| FILE NAME | FILE NUMBER | AVAILABILITY REPORT | PRINTED DATA REPORT | STATISTICAL ANALYSIS | GRAPHICAL OUTPUT | MAGNETIC TAPE/DISC | PUNCHED CARDS | DATA BANK MONITOR | COPY OF FILE ONLY | PHOTOGRAPHIC PRODUCTS | DIGITAL IMAGERY DATA | PERIOD OF RECORD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I. BASE DATA | | | | | | | | | | | | |
| Digitized Water Well Locations | 01010100 | | | | X | | | | | | | 1973-Present |
| Harvard Digitized County Boundaries | 01010200 | | | | X | | | | | | | 1973 |
| EROS Data Center - Aerial Mapping Photography | 01010250 | X | | | | | | | | X | | 1950-Present |
| EROS Data Center - Landsat Standard Products | 01010300 | X | | | | | | | | X | X | Continuous |
| EROS - NASA Aircraft Photography | 01010350 | X | | | | | | | | X | | 1960-Present |
| EROS - Manned Spacecraft Photography | 01010400 | X | | | | | | | | X | X | 1965-1974 |
| Agricultural Stabalization and Conservation | | | | | | | | | | | | |
| Service Aerial Photography | 01010450 | X | | | | | | | | X | | Continuous |
| Geographic Information System County Boundaries | 01010500 | | | | X | | | | | | | N/A |
| Bureau of the Census/DIME County Boundaries | 01010600 | | | | X | X | X | | | | | Historic |
| 10-Minute Grid Coordinate Table | 01010625 | | | | | X | | | | | | 1974 |
| Community Profile - Geographic Location | 01010650 | | X | | | | | | | | | 1950-1976 |
| County Profile - Geographic Location | 01010655 | | X | | | | | | | | | 1950-1976 |
| State-Water District Master | 01010675 | | X | | | X | | | | | | 1950-Current |
| State and Federal Owned Lands | 01010700 | | | | X | | | | | | | One time compilation 1975 |
| Defense Intelligence Agency (DIA) Aerial | | | | | | | | | | | | |
| Photography | 01010800 | | | | | | | | | X | | 1940-Present |
| National Cartographic Information Center (NCIC) | | | | | | | | | | | | |
| Cartographic Data and Imagery | 01010900 | | | | | | | | | X | | Continuous |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| II. METEOROLOGICAL RESOURCES | | | | | | | | | | | | |
| A. Climatological | | | | | | | | | | | | |
| Daily NWS Precipitation | 02010100 | X | X | X | | X | X | X | | | | 1900-1975 |
| Daily TWDB Precipitation | 02010200 | X | X | X | | X | X | | | | | 1900-1974 |
| Monthly NWS Precipitation | 02010300 | X | X | X | X | X | X | X | | | | 1900-1976 |
| Monthly TWDB Precipitation | 02010400 | X | X | X | X | X | X | | | | | 1900-1974 |
| Daily NWS Minimum Temperature | 02010500 | X | X | | | X | X | X | | | | 1900-1976 |
| Daily TWDB Minimum Temperature | 02010600 | X | X | | | X | X | | | | | 1900-1974 |
| Monthly NWS Minimum Temperature | 02010650 | X | X | | | X | X | | | | | 1900-1976 |
| Monthly TWDB Minimum Temperature | 02010700 | X | X | | | X | X | | | | | 1900-1974 |
| Daily NWS Maximum Temperature | 02010800 | X | X | | | X | X | X | | | | 1900-1976 |
| Daily TWDB Maximum Temperature | 02010900 | X | X | | | X | X | | | | | 1900-1974 |
| Monthly NWS Maximum Temperature | 02010950 | X | X | | | X | X | | | | | 1900-1976 |
| Monthly TWDB Maximum Temperature | 02011000 | X | X | | | X | X | | | | | 1900-1974 |
| Daily NWS Wind Movement | 02011100 | X | X | X | | X | X | X | | | | 1900-1976 |
| Daily TWDB Wind Movement | 02011200 | X | X | X | | X | X | | | | | 1900-1974 |
| Monthly NWS Wind Movement | 02011250 | X | X | | | X | X | | | | | 1900-1976 |
| Monthly TWDB Wind Movement | 02011300 | X | X | | | X | X | | | | | 1900-1974 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily NWS Pan Evaporation | 02011400 | X | X | X | | X | X | X | | | | 1900-1976 |
| Daily TWDB 2-Ft. Pan Evaporation | 02011500 | X | X | X | | X | X | | | | | 1900-1974 |
| Daily TWDB 4-Ft. Pan Evaporation | 02011600 | X | X | X | | X | X | | | | | 1900-1974 |
| Daily TWDB 6-Ft. Pan Evaporation | 02011700 | X | X | X | | X | X | | | | | 1900-1974 |
| Monthly NWS Pan Evaporation | 02011750 | X | X | | | X | X | | | | | 1900-1976 |
| Monthly TWDB 2-Ft. Pan Evaporation | 02011800 | X | X | | | X | X | | | | | 1900-1974 |
| Monthly TWDB 4-Ft. Pan Evaporation | 02011900 | X | X | | | X | X | | | | | 1900-1974 |
| Monthly TWDB 6-Ft. Pan Evaporation | 02012000 | X | X | | | X | X | | | | | 1900-1974 |
| NWS Daily Climatological Master File | 02012100 | | | | | | | | X | | | 1900-1976 |
| TWDB Daily Climatological Master File | 02012200 | | X | | | | | | | | | 1900-1974 |
| Monthly Climatic Index | 02012300 | | X | | | X | X | | | | | 1903-1972 |
| Hourly Coastal Climatological File | 02012400 | X | | | | | | X | | | | 1968-1975 |
| NWS Hourly Precipitation | 02012500 | X | X | | | X | | | | | | 1900-1976 |
| NWS Hourly Climatological File | 02012600 | | | | | | | | X | | | 1900-1976 |
| Gross Lake Surface Evaporation - TWDB Report | 02012700 | | X | | | | | | | | | 1940-1974 |
| 64 | | | | | | | | | | | | |
| Gross Lake Surface Evaporation - TWDB Report | 02012800 | | X | | | | | | | | | 1940-1974 |
| 64 | | | | | | | | | | | | |
| Daily TWDB Relative Humidity | 02012900 | X | X | X | | X | X | | | | | 1900-1974 |
| Monthly TWDB Relative Humidity | 02013000 | X | X | | | X | X | | | | | 1900-1974 |

A-3

APPENDIX A

SUMMARY OF TNRIS FILES AND RELATED CAPABILITIES

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily IBWC Precipitation | 02013100 | X | X | | X | X | | | | | 1900-1974 |
| Average NWS Effective Precipitation - 1° Quad. | 02013200 | | X | | X | X | | | | | 1940-Present |
| TFS Fire Weather Reports | 02013300 | | X | | X | | | | | | 1973-Present |
| Community Profile - Climatological Data | 02013600 | | X | | | | | | | | 1950-1976 |
| County Profile - Climatological Data | 02013700 | | X | | | | | | | | 1950-1976 |
| | | | | | | | | | | | |
| B. Air Quality | | | | | | | | | | | |
| | | | | | | | | | | | |
| Transportation Related Air Quality Data | 02020100 | | | | X | | | | | | Current |
| Average Particulate and Gaseous Pollutants #1 | 02020200 | | X | | X | | | | | | 1957-1977 |
| Average Particulate and Gaseous Pollutants #2 | 02020300 | | X | | X | | | | | | 1957-1977 |
| Continuous Air Pollution Monitoring Network | 02020400 | | X | | X | | | | | | 1972-1977 |
| | | | | | | | | | | | |
| C. Man's Activities | | | | | | | | | | | |
| | | | | | | | | | | | |
| Compliance Division Mailing List | 02030100 | | | | | | | | | | Discontinued |
| Office of Executive Director Mailing List | 02030200 | | | | | | | | | | Discontinued |
| Technical Support/Sampling Division Mailing List | 02030300 | | X | | X | | | | | | Current |
| 1971-1972 Summary of Emission Sources | 02030400 | | X | | X | | | | | | 1971-1972 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Air Pollution Questionaires Mailing List | 02030500 | | | | | | | | | | | Discontinued |
| Compliance With Air Pollution Laws Data | 02030600 | | | | | | | | | | | Discontinued |
| Source Surveillance Investigator's Report | 02030700 | | X | | | X | | | | | | 1976-1977 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| III. BIOLOGICAL RESOURCES | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A. Animal | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Coastal Zone Biological Information | 03010100 | | X | | | | | X | | | | 1971-1974 |
| Gulf Coast Shrimp Catch Data | 03010200 | | | | | | | | X | | | 1956-1974 |
| Texas Fish Landing Data | 03010300 | | | | | | | | X | | | 1966-1973 |
| Mourning Dove Harvest Survey | 03010400 | | | | | X | | | | | | 1970-1972<br>1974-1975 |
| Texas Fish Landing (Commercial) | 03010500 | | | | | X | | | | | | 1966-1976 |
| Deer Movement Fix File | 03010600 | | | | | X | | | | | | 1970-1972 |
| Bird Banding Recovery File | 03010700 | | | | | X | | | | | | 1958-1974 |
| Lake Meridian Trap Data | 03010800 | | | | | X | | | | | | 1968-1969 |
| Deer - Turkey Harvest Survey | 03010900 | | | | | X | | | | | | 1972-1977 |
| Fish Distribution (Stocking) | 03011000 | | | | | X | | | | | | 1966-1976 |
| County Estimates For 62 Crop and Livestock Items | 03011100 | | X | | | X | | | | | | 1968-1975 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TFS Southern Pine Beetle Operations | 03011200 | | X | | | X | | | | | | 1971-Present |
| B. Plant | | | | | | | | | | | | |
| County Estimates for 62 Crop and Livestock Items | 03020100 | | X | | | X | | | | | | 1968-1975 |
| TFS Wildfire Reports | 03020200 | | X | | | X | | | | | | 1973-Present |
| C. Micro-Organisms | | | | | | | | | | | | |
| Bacteriological Quality of Inland Waters | 03030100 | | X | | | | | | | | | 1967-Present |
| Coastal Zone Biological Information | 03030200 | | X | | | | | X | | | | 1971-1974 |
| Bacterial Water Quality, Rivers, Lakes, Streams | 03030300 | | X | | | X | | | | | | 1967-1976 |
| Coastal Water Data | 03030400 | | X | | | | X | | | | | 1963-1975 |
| D. Man's Activities | | | | | | | | | | | | |
| TFS Woodland Management Activities | 03040100 | | X | | | X | | | | | | 1972-Present |
| TFS Wildfire Reports | 03040200 | | X | | | X | | | | | | 1973-Present |
| Mourning Dove Harvest Survey | 03040300 | | | | | X | | | | | | 1970-1972<br>1974-1975 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Texas Fish Landings (Commercial) | 03040400 | | | | | X | | | | | | 1966-1976 |
| Deer - Turkey Harvest Survey | 03040500 | | | | | X | | | | | | 1972-1977 |
| Fish Distribution (Stocking) | 03040600 | | | | | X | | | | | | 1966-1976 |
| Species Code Names | 03040700 | | | | | X | | | | | | 1974 |
| Gulf Coast Shrimp Catch Data | 03040800 | | | | | | | X | | | | 1956-1974 |
| Texas Fish Landing Data | 03040900 | | | | | | | X | | | | 1966-1973 |
| TFS Southern Pine Beetle Operations | 03041000 | | X | | | X | | | | | | 1971-Present |
| County Profile - Farm Products | 03041100 | | X | | | | | | | | | 1950-1976 |
| | | | | | | | | | | | | |
| IV. WATER RESOURCES | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| A. Surface | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Daily USGS Streamflow | 04010100 | X | X | X | X | X | X | X | | | | 1900-1975 |
| Monthly USGS Streamflow | 04010200 | X | X | | | X | X | X | | | | 1900-1975 |
| Daily TWDB Sediment Load | 04010300 | X | X | | | X | X | X | | | | 1900-1974 |
| Monthly TWDB Sediment Load | 04010400 | X | X | | | X | X | | | | | 1900-1974 |
| Coastal Water Data | 04010500 | | X | | | | X | | | | | 1963-1975 |
| Daily USGS Surface Water Temperature | 04010600 | X | X | | | X | X | | | | | 1900-1975 |
| | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily USGS Surface Water Conductance | 04010700 | X | X | | | X | X | | | | | 1900-1975 |
| Coastal Zone Hydrographical Information | 04010800 | X | X | X | X | | X | X | | | | 1967-1976 |
| Monthly Bureau of Reclamation Runoff | 04010900 | | | | | | | | | | | 1941-1968 |
| USGS Surface Water Quality Data | 04011000 | | X | | | | | | | | | 1900-1975 |
| Stream Monitoring Network | 04011100 | | X | X | X | X | | | | | | 1968-Current |
| Estuarine Water Quality Data | 04011200 | | X | | | | X | | | | | Current |
| Daily IBWC Streamflow | 04011300 | X | X | | | X | X | | | | | 1889-1974 |
| Monthly IBWC Sediment Load | 04011400 | X | X | | | X | X | | | | | 1889-1974 |
| Monthly IBWC Reservoir Content | 04011500 | X | X | | | X | X | | | | | 1953-1974 |
| | | | | | | | | | | | | |
| B. Subsurface | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Water-Level Measurements | 04020100 | | X | X | X | X | | X | | | | 1900-1976 |
| Ground-Water Quality | 04020200 | X | X | X | X | | | X | | | | 1900-1976 |
| | | | | | | | | | | | | |
| C. Man's Activities | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Water Use By Hydrographic Unit | 04030100 | | X | | | | | | | | | 1901-1970 |
| Daily USGS Reservoir Content | 04030200 | X | X | | | X | X | X | | | | 1900-1975 |
| Monthly USGS Reservoir Content | 04030300 | X | X | | | X | X | | | | | 1900-1975 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Irrigation Inventory | 04030400 | | | | | | | | | | | |
| Municipal Return Flow | 04030500 | | X | | | X | | | | | | 1968-1975 |
| Industrial Return Flow | 04030600 | | X | | | X | | | | | | 1968-1976 |
| Self Reporting Data (Water Quality) | 04030700 | | X | | | X | | | | | | 1970-Current |
| Waste Control Order Data (WCO File) | 04030800 | X | X | | | X | | | | | | Current |
| Municipal and Industrial Water Use | 04030900 | | X | | | | | | | | | 1955-1975 |
| Water Rights Permit Master File | 04031000 | | X | | | X | X | | | | | 1913-Current |
| Water Rights Permit Address File | 04031100 | | X | | | X | | | | | | Current |
| State Water District Master | 04031150 | | X | | | X | | | | | | 1950-Current |
| Water Use File | 04031200 | | X | | | X | X | | | | | 1906-Current |
| Certified Water or Wastewater Operator File | 04031300 | | X | | | | | | | | | Current |
| Dam Inventory | 04031500 | | X | | | X | X | | | | | 1800-Current |
| Sewage Treatment Plant Inventory | 04031600 | | | | | | | | | | | |
| Water or Wastewater Operator File | 04031700 | | X | | | | X | | | | | 1971-Current |
| Community Profile - Water Utilities Information | 04031800 | | X | | | | | | | | | 1950-1976 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| V. GEOLOGIC AND LAND RESOURCES | | | | | | | | | | | | |
| | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A. Surface | | | | | | | | | | | | |
| Soil Summary Master File | 05010100 | | X | | | | | | | | | 1966-1968 |
| Corpus Christi Area Resource Capability Units | 05010200 | | | | X | | | | | | | |
| Fracture Mapping | 05010300 | | | | X | | | | | | | 1974 |
| Open Pits in Texas | 05010400 | | | | | | | | | | | |
| B. Subsurface | | | | | | | | | | | | |
| Annual Oil Production | 05020100 | | | | | | | | X | | | 1960-1969 |
| Annual Natural Gas Production | 05020200 | | | | | | | | X | | | 1969-1969 |
| Annual Water Injection in Secondary Recovery | 05020300 | | | | | | | | X | | | 1970-1976 |
| Cummulative Oil and Gas Production Totals | 05020400 | | | | | | | | X | | | 1960-1969 |
| Corelabs Subsurface Saline Water Survey | 05020500 | | | | | | | | X | | | 1900-1970 |
| Oil Production and Allowable Master | 05020600 | | | | | X | | | | | | 1970-1976 |
| Gas Production and Allowalbe Master | 05020700 | | | | | X | | | | | | 1970-1976 |
| C. Man's Activities | | | | | | | | | | | | |
| Land Classification Master File | 05030100 | | X | | | X | | | | | | Historic |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Submerged Lease Data File | 05030200 | | X | | | X | | | | | | 1950-Current |
| State Land Lease Master File | 05030300 | | X | | | X | | | | | | 1950-Current |
| Permanent Free School Fund Land Master File | 05030400 | | X | | | X | | | | | | Current Active Accounts |
| Veteran's Land Master File | 05030500 | | X | | | X | | | | | | Current Active Accounts |
| Veteran's Land Statistical File | 05030600 | | X | | | X | | | | | | 1949-Current |
| Unsold School Land File | 05030700 | | X | | | X | | | | | | Historic |
| Secondary Recovery - Master | 05030800 | | | | | X | | | | | | 1970-1976 |
| Secondary Recovery - Lease File | 05030900 | | | | | X | | | | | | 1970-1976 |
| Secondary Recovery - Fluids | 05031000 | | | | | X | | | | | | 1970-1976 |
| Secondary Recovery - Injection | 05031100 | | | | | X | | | | | | 1970-1976 |
| Secondary Recovery - Year File | 05031200 | | | | | X | | | | | | 1970-1976 |
| Liquid Spillage | 05031300 | | X | | | X | | | | | | 1971-1976 |
| Annual Water Injection for Secondary Recovery | 05031400 | | | | | X | | | | | | 1970-1976 |
| Community Profile - Zoning Ordinances | 05031500 | | X | | | | | | | | | 1950-1976 |
| County Profile - Agricultural Land Use | 05031600 | | X | | | | | | | | | 1950-1976 |
| State-Owned Parklands | 05031700 | | | | | | | | | | X | One time compilation 1975 |
| Community Profile-Water Utilities Information | 05031800 | | | | | | | | | | | 1950-1976 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| VI. SOCIO-ECONOMIC RESOURCES | | | | | | | | | | | | |

APPENDIX A

SUMMARY OF TNRIS FILES AND RELATED CAPABILITIES

| FILE NAME | FILE NUMBER | AVAILIABILITY REPORT | PRINTED DATA REPORT | STATISTICAL ANALYSIS | GRAPHICAL OUTPUT | MAGNETIC TAPE/DISC | PUNCHED CARDS | DATA BANK MONITOR | COPY OF FILE ONLY | PHOTOGRAPHIC PRODUCTS | DIGITAL IMAGERY DATA | PERIOD OF RECORD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A. Social | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1970 U. S. Census of Population and Housing - | | | | | | | | | | | | |
| First Count Summary | 06010100 | | X | X | | | | | | | | 1970 |
| 1970 U. S. Census of Population and Housing - | | | | | | | | | | | | |
| Second Count Summary | 06010200 | | X | X | | | | | | | | 1970 |
| 1970 U. S. Census of Population and Housing - | | | | | | | | | | | | |
| Third Count Summary | 06010300 | | X | X | | | | | | | | 1970 |
| 1970 U. S. Census of Population and Housing - | | | | | | | | | | | | |
| Fourth Count Summary | 06010400 | | X | X | | | | | | | | 1970 |
| 1970 U. S. Census of Population and Housing - | | | | | | | | | | | | |
| Fifth Count Summary | 06010500 | | | | | | | | | | | 1970 |
| Obers County Population and Land Area | 06010600 | | | | | | | | | | | |
| Automatic Traffic Recorder Volumes | 06010700 | | | | | X | | | | | | 1967-1977 |
| Highway Speed Survey | 06010800 | | | | | | X | | | | | 1976-1977 |
| Urban Origin-Destination Survey | 06010900 | | | | | X | | | | | | Varies by City |
| Highway Traffic Log | 06011000 | | | | | X | | | | | | 1967-1977 |
| Boat Registration Master | 06011100 | | X | | | X | | | | | | Current |
| Public Hunts - Drawn Master | 06011200 | | | | | X | | | | | | 1969-1973 |
| Community Profile - Population and Education | 06011300 | | X | | | | | | | | | 1959-1976 |

APPENDIX A

SUMMARY OF TMRIS FILES AND RELATED CAPABILITIES

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| County Profile - Population | 06011400 | | X | | | | | | | | | 1950-1976 |
| | | | | | | | | | | | | |
| B. Economic | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| County and SMSA Earnings and Income | 06020100 | | X | | | | | | | | | 1929-1972 |
| Dun and Bradstreet | 06020200 | | X | | | | | | | | | 1969-1974 |
| Obers Water Resources Regions | 06020300 | | | | | | | | X | | | 1950-2020 |
| Obers Economic Areas | 06020400 | | | | | | | | X | | | 1950-2020 |
| Obers County Population and Land Area | 06020500 | | | | | | | | X | | | 1970 |
| Highway Bridge Log | 06020600 | | | | | X | | | | | | Current |
| Structure Inventory and Appraisal File | 06020700 | | | | | X | | | | | | Current |
| Road Life Data | 06020800 | | | | | X | | | | | | 1917-1977 |
| Roadway Characteristics, State Highway System | 06020900 | | | | | X | | | | | | Current |
| Roadway Characteristics, County System | 06021000 | | | | | X | | | | | | Current |
| Rail-Highway Grade Crossing | 06021100 | | | | | X | | | | | | Current |
| Community Profile - Business Statistics | 06021120 | | X | | | | | | | | | 1950-1976 |
| County Profile - Personal Income and Earnings | 06021130 | | X | | | | | | | | | 1950-1976 |
| | | | | | | | | | | | | |
| C. Commerce | | | | | | | | | | | | |
| | | | | | | | | | | | | |

APPENDIX A

SUMMARY OF THRIS FILES AND RELATED CAPABILITIES

| FILE NAME | FILE NUMBER | AVAILABILITY REPORT | PRINTED DATA REPORT | STATISTICAL ANALYSIS | GRAPHICAL OUTPUT | MAGNETIC TAPE/DISC | PUNCHED CARDS | DATA BANK MONITOR | COPY OF FILE ONLY | PHOTOGRAPHIC PRODUCTS | DIGITAL IMAGERY DATA | PERIOD OF RECORD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Truck Weight Data | 06030100 | | | | | | | | | | | 1967-1977 |
| Community Profile - Business Statistics | 06030200 | | X | | | | | | | | | 1950-1976 |
| County Profile - Business Statistics | 06030300 | | X | | | | | | | | | 1950-1976 |
| D. Government | | | | | | | | | | | | |
| State Water District Master | 06040100 | | X | | | X | | | | | | Current |
| Community Profile - City Government Information | 06040200 | | X | | | | | | | | | 1950-1976 |
| County Profile - County Government Information | 06040300 | | X | | | | | | | | | 1950-1976 |

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